S6820-1-4

H106.808P (Rev. 3/88)

PENNSYLVANIA VITAL STATISTICS ANNUAL REPORT, 1986

DEPARTMENT OF HEALTH
N. MARK RICHARDS, M.D.
SECRETARY

STATE HEALTH DATA CENTER
HARRISBURG, PENNSYLVANIA

MARCH 8, 1988

****
PREFACE
****

This publication of 1986 Vital Statistics for Pennsylvania was prepared by the Division of Health Statistics and Research of the State Health Data Center, Pennsylvania Department of Health.

This 1986 report incorporates several changes from the 1985 edition.

Most of the changes made to this 1986 report were developed in accordance with recommendations made by staff and others who commented on the content of previous reports. We thank our users for any compliments and suggestions and encourage their contributions.

Among the changes made is the inclusion of racial breakdowns in the population and selected natality and mortality data tables including age adjusted death rates by sex and race. Also, age cohorts for the oldest age groups have been broken down even further in some of the mortality tables, and a listing of the top ten names given to newborns in Pennsylvania has been added. Several other new tables have been inserted, some modified, while a few have been eliminated. We hope these changes will provide a new, better perspective on the vital events that Pennsylvania's citizens experience.

The State Health Data Center welcomes comments and suggestions on the content and format of this report. The Data Center staff is available to answer questions regarding the report, including utilization and limitations of the data. Additional statistics not contained in this report are available upon request. See Appendix B for a detailed list.

Please address all comments, questions, requests for data, etc. to:

STATE HEALTH DATA CENTER
PENNSYLVANIA DEPARTMENT OF HEALTH
P.O. BOX 90
HARRISBURG, PA 17108

Or call: (717) 783-2548

The Pennsylvania Department of Health is an equal opportunity provider of grants, contracts, services, and employment.

****
TABLE OF CONTENTS
****

PAGE

POPULATION STATISTICS

HIGHLIGHTS 5
LIST OF DATA TABLES AND ILLUSTRATIONS 6
STATE TABLES AND ILLUSTRATIONS 8
COUNTY TABLE AND MAP 12
MUNICIPALITY TABLE 14

NATALITY STATISTICS

HIGHLIGHTS 17
LIST OF DATA TABLES AND ILLUSTRATIONS 21
STATE TABLES AND ILLUSTRATIONS 25
COUNTY TABLES, MAPS, AND ILLUSTRATIONS 38
MUNICIPALITY TABLES AND ILLUSTRATIONS 60

MORTALITY STATISTICS

HIGHLIGHTS 69
LIST OF DATA TABLES AND ILLUSTRATIONS 75
STATE TABLES AND ILLUSTRATIONS 80
COUNTY TABLES AND MAPS 134
MUNICIPALITY TABLES AND ILLUSTRATIONS 164

MARRIAGE AND DIVORCE STATISTICS

HIGHLIGHTS 183
LIST OF DATA TABLES AND ILLUSTRATIONS 185
MARRIAGE TABLES AND ILLUSTRATIONS 187
DIVORCE TABLES AND ILLUSTRATION 193
COUNTY MARRIAGE AND DIVORCE TABLE 195

TECHNICAL NOTES

A. SOURCES OF DATA 199
B. DATA QUALITY 199
C. GEOGRAPHY 201
D. DEFINITIONS OF TERMS 201
E. RATES 202
F. SELECTED CAUSES OF DEATH 204
G. MULTIPLE CAUSES OF DEATH 205

APPENDIX A - VITAL RECORDS REGISTRATION IN PENNSYLVANIA . . . 206
APPENDIX B - ADDITIONAL STATISTICS AVAILABLE 207
CERTIFICATES OF LIVE BIRTH, DEATH, AND FETAL DEATH 209
PENNSYLVANIA COUNTY OUTLINE MAP 212

POPULATION

1986 POPULATION STATISTICS

****
HIGHLIGHTS
****

THE STATE

The 1986 estimates indicate that the Pennsylvania resident population was 11,889,165 -- an increase of 25,270 persons or 0.2 percent from the 1980 U.S. Bureau of the Census enumerated figure of 11,863,895. Pennsylvania's population has increased by almost 1.5 million from the 1950 census enumerated figure of 10,498,012. However, over half of that increase occurred between 1950 and 1960. From 1960 to 1970, the state's population increased by just under 500,000, but, from 1970 to 1980, there was only an increase of approximately 70,000 persons. Pennsylvania's total population has remained relatively stable since 1970. However, since 1950, the percent of the state population under 15 years of age has decreased from 25.0 percent to 19.8 percent while the percentage of the population 65 years of age and older has increased from 8.4 percent to 14.4 percent.

Races other than white made up 10.1 percent of the total population in 1986. Whites under 15 years of age accounted for 19.2 percent of the 1986 white population in the state compared to 25.0 percent for other races. Also, 9.5 percent of the non-white population was 65 or older in 1986. Among whites, 15.0 percent were 65 or older. These figures reflect the fact that the median age among whites in 1986 was 34.3 compared to 28.5 among those of other races.

Both the total female and male estimated populations remained stable between 1980 and 1986, with virtually no change in the number of males and only an 0.4 percent increase for females. The median ages among males and females in 1986 were 32.0 and 35.3, respectively. Population declines were concentrated in the age groups 5-24 (11.1 percent) and 50-59 (15.0 percent).

The profile of Pennsylvania's estimated 1986 population by age and sex visibly demonstrates the effects of several major factors - the low birth rates that have prevailed for the last ten years, the baby boom which followed World War II and lasted into the mid-1960's, the low birth rates of the 1930's, and the large mortality differential between males and females in the later years of life.

COUNTIES

Of the 67 counties, 36 were estimated to experience population gains and 31 had losses from 1980 to 1986, as compared to 57 and 10, respectively, between 1970 and 1980. Over 56 percent of the population losses occurred in two counties, Allegheny and Philadelphia. Four other counties (Beaver, Cambria, Luzerne, and Westmoreland) accounted for another 20.6 percent of the losses. Counties with a growth rate of 5.0 or more included Pike (22.1), Monroe (19.1), Wayne (9.9), Bucks (9.0), Fulton (8.9), Lancaster and Perry (8.6), Chester (7.1), Cumberland (6.4), Snyder (6.0), Susquehanna and Union (5.3), and Wyoming (5.2).

CITIES AND BOROUGHS

Of the 27 municipalities listed in this report, only four showed an increase in population between 1980 and 1986 and the gains were modest -- Lancaster (4.5 percent), Lebanon (2.6 percent), Easton (1.9 percent), and Allentown (0.6 percent). Estimated population losses of 5.0 percent and above occurred in twelve municipalities - Sharon (15.3 percent), McKeesport (12.4 percent), Johnstown (10.3 percent), New Castle (8.9 percent), Pittsburgh (8.6 percent), Hazleton (7.5 percent), Wilkes-Barre (7.1 percent), Altoona (6.9 percent), Scranton (6.6 percent), West Mifflin (6.4 percent), Williamsport (5.1 percent), and State College (5.0 percent).

NOTES: Since Philadelphia is a city/county, figures for that municipality appear in both the county and municipality tables for the user's convenience. See the Technical Notes in the back of this report for complete qualifications regarding the population figures shown in this section.

LIST OF DATA TABLES AND ILLUSTRATIONS

POPULATION DATA TABLES

		PAGE
TABLE A-1	POPULATION IN PENNSYLVANIA, 1950-1986	8
TABLE A-2	POPULATION BY AGE AND RACE: PENNSYLVANIA, 1986	9
TABLE A-3	POPULATION BY AGE AND SEX: PENNSYLVANIA, 1980 AND 1986	10
TABLE A-4	POPULATION BY COUNTY: PENNSYLVANIA, 1980 AND 1986	12
TABLE A-5	POPULATION FOR SELECTED MUNICIPALITIES: PENNSYLVANIA, 1980 AND 1986	14

POPULATION DATA ILLUSTRATIONS

FIGURE A-1	POPULATION, PERCENT BY AGE GROUP, PENNSYLVANIA, 1950, 1960, 1970, 1980, AND 1986	8
FIGURE A-2	POPULATION BY AGE AND SEX, PENNSYLVANIA, 1986	11
FIGURE A-3	STATE MAP: PERCENT POPULATION CHANGE BY COUNTY, PENNSYLVANIA, 1980 TO 1986	13

TABLE A-1
POPULATION* IN PENNSYLVANIA, 1950-1986

YEAR	POPULATION	YEAR	POPULATION	YEAR	POPULATION
1986	11,889,165	1973	11,902,000	1960	11,319,366
1985	11,863,672	1972	11,926,000	1959	11,323,000
1984	11,900,701	1971	11,879,000	1958	11,101,000
1983	11,894,700	1970	11,793,909	1957	11,166,000
1982	11,885,330	1969	11,803,000	1956	11,132,000
1981	11,870,960	1968	11,755,400	1955	11,132,000
1980	11,863,895	1967	11,646,000	1954	10,895,800
1979	11,730,500	1966	11,637,900	1953	10,829,100
1978	11,749,900	1965	11,535,200	1952	10,733,700
1977	11,785,200	1964	11,459,000	1951	10,594,900
1976	11,862,000	1963	11,424,000	1950	10,498,012
1975	11,828,200	1962	11,376,000		
1974	11,835,400	1961	11,468,000		

*1950, 1960, 1970 AND 1980 POPULATIONS AS ENUMERATED BY THE U.S. BUREAU OF THE CENSUS. 1981 THROUGH 1986 ESTIMATED POPULATIONS AS PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG. ESTIMATED POPULATIONS FOR ALL OTHER YEARS AS PREPARED BY THE PENNSYLVANIA OFFICE OF STATE PLANNING AND DEVELOPMENT.

FIGURE A-1
POPULATION, PERCENT BY AGE GROUP
PENNSYLVANIA, 1950, 1960, 1970, 1980, AND 1986

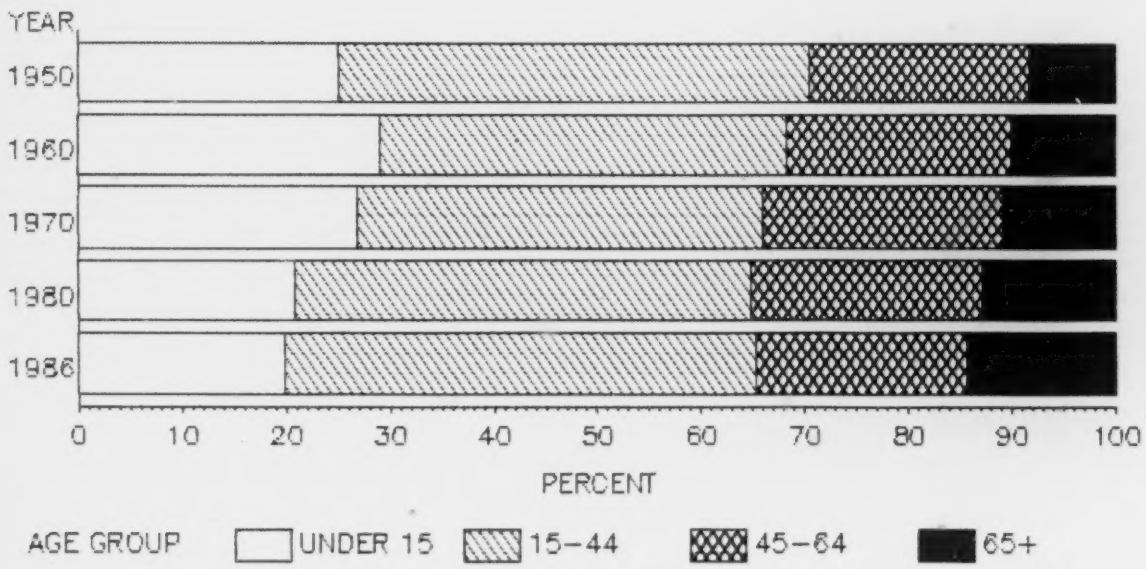


TABLE A-2
POPULATION BY AGE AND RACE: PENNSYLVANIA, 1986

AGE GROUP (IN YEARS)	ALL RACES	WHITE	RACES OTHER THAN WHITE
ALL AGES	11,889,165	10,689,325	1,199,840
UNDER 1 YEAR	160,378	134,980	25,398
1-4	636,148	553,849	82,299
5-9	762,670	666,578	96,092
10-14	790,950	694,961	95,989
15-19	911,764	804,305	107,459
20-24	982,246	867,884	114,362
25-29	1,008,481	897,085	111,396
30-34	939,122	843,307	95,815
35-39	847,022	764,297	82,725
40-44	705,919	639,130	66,789
45-49	598,546	542,036	56,510
50-54	571,363	519,715	51,648
55-59	625,203	573,817	51,386
60-64	631,774	584,086	47,688
65-69	544,832	507,714	37,118
70-74	441,403	412,338	29,065
75 AND OVER	731,344	683,243	48,101

SOURCE: 1986 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

TABLE A-3
POPULATION BY AGE AND SEX: PENNSYLVANIA, 1980 AND 1986

AGE GROUP (IN YEARS)	BOTH SEXES		MALE		FEMALE	
	1986 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1986 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1986 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL AGES	11,889,165	11,863,895	5,683,818	5,682,590	6,205,347	6,181,305
UNDER 1 YEAR	160,378	158,327	82,465	80,893	77,913	77,434
1-4	636,148	589,131	325,978	301,378	310,170	287,753
5-9	762,670	805,151	390,217	412,460	372,453	392,691
10-14	790,950	931,891	404,883	476,210	386,067	455,681
15-19	911,764	1,080,610	460,246	545,210	451,518	535,400
20-24	982,246	1,059,815	492,384	522,900	489,862	536,915
25-29	1,008,481	945,051	500,207	468,512	508,274	476,539
30-34	939,122	847,847	462,311	416,215	476,811	431,632
35-39	847,022	682,283	415,082	330,811	431,940	351,472
40-44	705,919	591,789	341,424	284,324	364,495	307,465
45-49	598,546	600,257	286,293	286,858	312,253	313,399
50-54	571,363	695,755	270,101	329,850	301,262	365,905
55-59	625,203	712,074	291,467	332,033	333,736	380,041
60-64	631,774	632,981	287,153	289,152	344,621	343,829
65-69	544,832	537,045	235,819	235,802	309,013	301,243
70-74	441,403	407,020	180,520	166,668	260,883	240,352
75 AND OVER	731,344	586,868	257,268	203,314	474,076	383,554

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1986 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

FIGURE A–2
POPULATION BY AGE AND SEX
PENNSYLVANIA, 1986

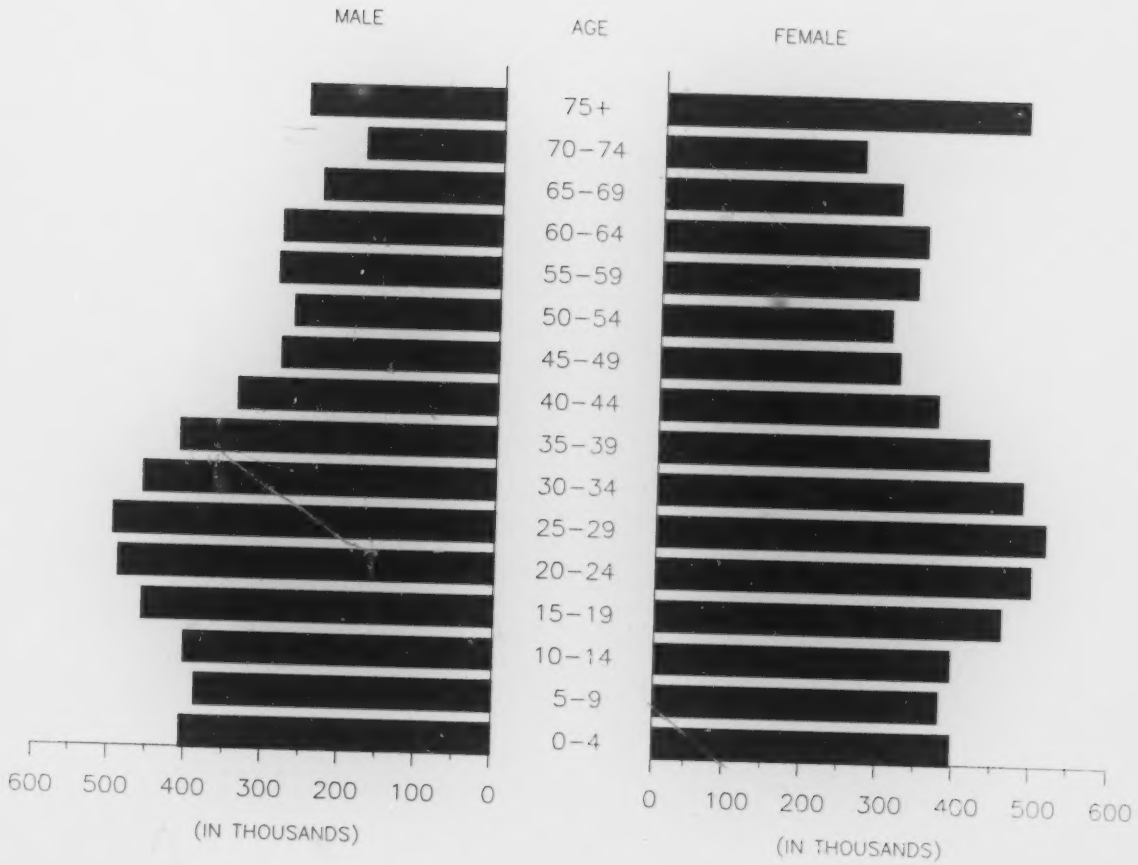
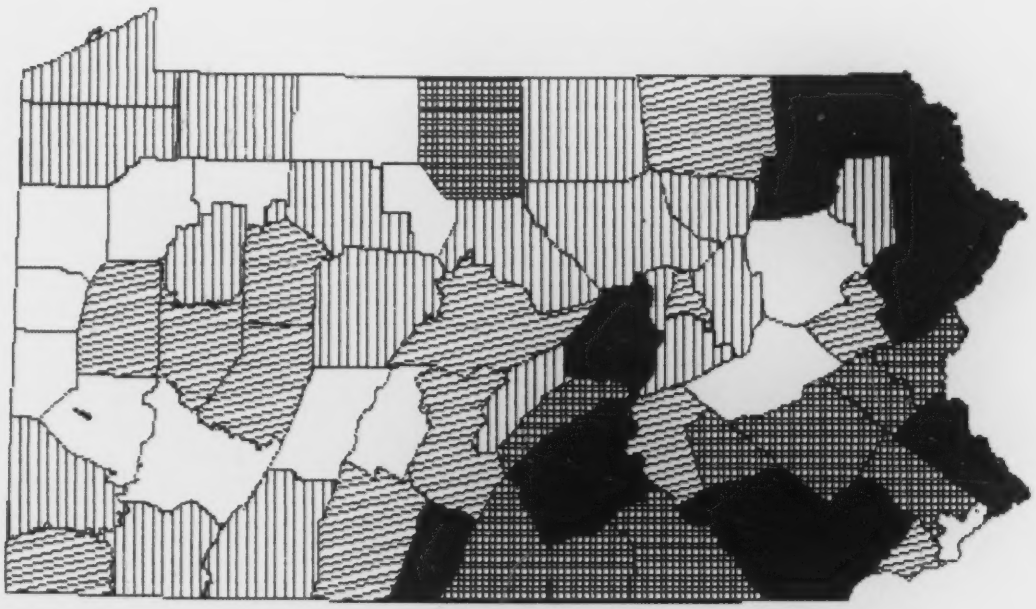


TABLE A-4
POPULATION BY COUNTY: PENNSYLVANIA, 1980 AND 1986

COUNTY	1986 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1986	COUNTY	1986 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1986
ALL COUNTIES	11,889,165	11,863,895	0.2				
ADAMS	71,195	68,292	4.3	JUNIATA	19,999	19,188	4.2
ALLEGHENY	1,373,605	1,450,085	-5.3	LACKAWANNA	223,005	227,908	-2.2
ARMSTRONG	78,496	77,768	0.9	LANCASTER	393,505	362,346	8.6
BEAVER	193,198	204,441	-5.5	LAWRENCE	101,902	107,150	-4.9
BEDFORD	47,701	46,784	2.0	LEBANON	111,903	108,582	3.1
BERKS	320,997	312,509	2.7	LEHIGH	281,496	272,349	3.4
BLAIR	132,499	136,621	-3.0	LUZERNE	331,102	343,079	-3.5
BRADFORD	64,295	62,919	2.2	LYCOMING	116,293	118,416	-1.8
BUCKS	522,102	479,211	9.0	MCKEAN	47,296	50,635	-6.6
BUTLER	151,095	147,912	2.2	MERCER	123,601	128,299	-3.7
CAMBRIA	173,202	183,263	-5.5	MIFFLIN	46,400	46,908	-1.1
CAMERON	6,496	6,674	-2.7	MONROE	82,696	69,409	19.1
CARBON	54,400	53,285	2.1	MONTGOMERY	672,099	643,621	4.4
CENTRE	114,601	112,760	1.6	MONTOUR	16,700	16,675	0.1
CHESTER	339,102	316,660	7.1	NORTHAMPTON	234,099	225,418	3.9
CLARION	42,602	43,362	-1.8	NORTHUMBERLAND	99,402	100,381	-1.0
CLEARFIELD	82,101	83,578	-1.8	PERRY	38,807	35,718	8.6
CLINTON	38,102	38,971	-2.2	PHILADELPHIA	1,642,898	1,688,210	-2.7
COLUMBIA	61,297	61,967	-1.1	PIKE	22,301	18,271	22.1
CRAWFORD	87,190	88,869	-1.9	POTTER	18,305	17,726	3.3
CUMBERLAND	189,894	178,541	6.4	SCHUYLKILL	156,397	160,630	-2.6
DAUPHIN	236,700	232,317	1.9	SNYDER	35,595	33,584	6.0
DELAWARE	560,599	555,007	1.0	SOMERSET	80,895	81,243	-0.4
ELK	37,495	38,338	-2.2	SULLIVAN	6,300	6,349	-0.8
ERIE	279,208	279,780	-0.2	SUSQUEHANNA	39,900	37,876	5.3
FAYETTE	155,797	159,417	-2.3	TIOGA	40,500	40,973	-1.2
FOREST	4,806	5,072	-5.2	UNION	34,599	32,870	5.3
FRANKLIN	118,705	113,629	4.5	VENANGO	62,096	64,444	-3.6
FULTON	13,988	12,842	8.9	WARREN	46,393	47,449	-2.2
GREENE	40,799	40,476	0.8	WASHINGTON	212,499	217,074	-2.1
HUNTINGDON	42,899	42,253	1.5	WAYNE	38,712	35,237	9.9
INDIANA	92,400	92,281	0.1	WESTMORELAND	381,099	392,294	-2.9
JEFFERSON	48,407	48,303	0.2	WYOMING	27,797	26,433	5.2
				YORK	326,601	312,963	4.4

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1986 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

FIGURE A–3
PERCENT POPULATION CHANGE BY COUNTY
PENNSYLVANIA, 1980 TO 1986



PERCENT
MORE THAN –2.5
–0.1 TO –2.5
0.0 TO 2.4
2.5 TO 4.9
5.0 AND OVER

NOTE: STATE PERCENT IS 0.2.

TABLE A-5
POPULATION FOR SELECTED MUNICIPALITIES: PENNSYLVANIA, 1980 AND 1986

MUNICIPALITY	1986 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1986
ALLENTOWN	104,350	103,758	0.6
ALTOONA	53,160	57,078	-6.9
BETHEL PARK	33,990	34,755	-2.2
BETHLEHEM	70,330	70,419	-0.1
CHESTER	43,680	45,794	-4.6
EASTON	26,530	26,027	1.9
ERIE	115,240	119,123	-3.3
HARRISBURG	51,530	53,264	-3.3
HAZLETON	25,270	27,318	-7.5
JOHNSTOWN	31,840	35,496	-10.3
LANCASTER	57,190	54,725	4.5
LEBANON	26,380	25,711	2.6
MCKEESPORT	27,180	31,012	-12.4
MONROEVILLE	29,640	30,977	-4.3
NEW CASTLE	30,640	33,621	-8.9
NORRISTOWN	33,780	34,684	-2.6
PHILADELPHIA	1,642,898	1,688,210	-2.7
PITTSBURGH	387,480	423,938	-8.6
PLUM	25,150	25,390	-0.9
READING	77,610	78,686	-1.4
SCRANTON	82,260	88,117	-6.6
SHARON	16,150	19,057	-15.3
STATE COLLEGE	34,340	36,130	-5.0
WEST MIFFLIN	24,610	26,279	-6.4
WILKES-BARRE	47,880	51,551	-7.1
WILLIAMSPORT	31,690	33,401	-5.1
YORK	44,430	44,619	-0.4

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1986 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

NATALITY

1986 NATALITY STATISTICS

****
HIGHLIGHTS
****

THE STATE

TOTAL BIRTHS: There were 160,336 resident live births in 1986, an increase of only 335 or 0.2 percent from 1985. This is the highest annual number of resident live births since 1982. Since 1973, 1986 is only the fourth year that the annual number of resident live births for the state exceeded 160,000. The 1986 live birth rate per 1,000 population was 13.5, the same as in 1985 and the highest rate recorded in Pennsylvania since 1982.

FERTILITY RATES: The 1986 general fertility rate of 58.9 live births per 1,000 females 15-44 years of age was only slightly higher than the 1985 rate of 58.8. Over the past thirty years, the general fertility rate has declined by more than 40 percent.

The 1986 total fertility rate (TFR) was 1659.0. This rate estimates the number of children a cohort of 1,000 females would bear if they all went through their childbearing years exposed to age-specific birth rates in effect during that particular year. A TFR of 2000.0 indicates that, on the average, couples have produced at least two children to replace themselves. (See the "Definitions of Rates" section of the Technical Notes in the back of this report for more discussion of total fertility rates.) Pennsylvania's TFR has been under 2000.0 since 1972. However, it has remained relatively stable since then, although still below replacement level.

In comparing Pennsylvania birth and fertility rates with the United States rates back to 1950, Pennsylvania's rates have been consistently lower, even during the "babyboom" years of 1950-64.

AGE OF MOTHER AND SEX AND RACE OF CHILD: Over one third of all live births in 1986 occurred to mothers aged 25-29. The median age of a resident woman giving birth in 1986 in Pennsylvania was 26.7 compared to 24.7 in 1970. The number of live births to mothers under 25 years old has declined by 17.1 percent since 1980 and 38.6 since 1970. However, the number of births among mothers aged 25 and older has increased by the same 17.1 percent from 1980 and 7.5 percent from 1970. The age-specific birth rates have declined since 1970 for all age groups except for those under 15 years of age. However, the increase for that age group has been very small, from a rate of 0.8 in 1970 to 0.9 in 1985 and 1986. The total birth rate per 1,000 females 10-49 years of age has decreased by 17.9 percent since 1970, from 57.1 to 46.9 in 1986.

In 1986, 51.4 percent of the live births were male and 48.6 percent were female. The only age group that had more female births than male births were those mothers 40 years old and over. Eighty-four percent of the live births were white and 16 percent were races other than white. Fifty-five percent of the mothers, who gave birth to infants of races other than white, were under 25 years of age compared to the 35 percent for mothers under 25 years of age who gave birth to white infants. This reflects the fact that the median age of mothers of white infants was 27.1 while the median age of mothers who gave birth to infants of races other than white was 24.2 in 1986.

The 1986 birth rate per 1,000 females aged 10-49 years of age by race of child was 51.2 percent higher among mothers who gave birth to infants of races other than white. Among only one age group (30-34) was the birth rate for white mothers higher than the corresponding rate for mothers of infants other than white. The largest difference in birth rates between the races occurred among teenage mothers with rates for teenage mothers of races other than white much higher than those for teenage mothers of white infants.

PRENATAL CARE: (NOTE: The percentages cited in the paragraph below were computed by excluding those births for whom trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Of the mothers for whom trimester of first prenatal visit was known in 1986, 78.3 percent received care during the first trimester of pregnancy. Over one percent or 1,626 mothers obtained no prenatal care. Among the teenage mothers, only 53.1 percent received prenatal care in the first trimester compared to 81.5 percent of the mothers reported as 20 years of age and older. Although only 11.3 percent of all resident live births were to teenage mothers, they accounted for 25.7 percent

of the mothers who had obtained no prenatal care. Trimester of first prenatal visit was unknown in 5,765 (3.6 percent) of all resident live births.

The percentage of unknown entry into prenatal care by race was 2.4 percent among white births but, among births of races other than white, the percentage of unknowns was 9.8 percent - over three times higher than the figure for white births. Among the mothers for whom trimester of entry into care was known, 82.4 percent of the mothers who gave birth to white infants obtained prenatal care in the first three months of pregnancy compared to only 55.1 percent of the mothers who delivered infants of races other than white - a difference of 33.1 percent. Only 16.1 percent of all live births were of races other than white in 1986, yet non-white births were responsible for 53.4 percent of the mothers who received no prenatal care during their pregnancy.

BIRTH WEIGHT: In 1986, 6.9 percent of the resident live births were classified as low birth weight (under 2500 grams or 5 pounds 9 ounces). This is the highest annual percentage of low birth weight infants in the state since 1976. In 1985, the percentage was 6.6. Infants of teenage mothers (10.1 percent) and mothers 40 and over (8.3 percent) were much more likely to be low birth weight than infants born to mothers 20-39 (6.5 percent). Similarly, 13.3 percent of non-white births were under 2500 grams compared to only 5.6 percent of white births. Female infants were slightly more likely than males to be low birth weight (7.5 percent for females, 6.4 percent for males).

PREVIOUS PREGNANCIES AND BIRTH ORDER: For one third (33.7 percent) of the mothers who gave birth in 1986, it was their first pregnancy. The corresponding figure in 1985 was 34.3 percent, and, in 1980, it was 37.4 percent.

In 1986, 41.5 percent of the live births were first-born children, compared to 37.0 percent in 1970. Less than 9 percent in 1986 were birth order four or above, compared to 1970, when over 20 percent were fourth births or higher.

MARITAL STATUS OF MOTHER: Over 24 percent of the births in 1986 were to unmarried mothers compared to 1980 when 17.7 percent were unmarried, and only 9.8 percent in 1970. The percentage varied considerably among age groups in 1986 with 70.9 percent of teenage mothers unmarried compared to 18.4 percent of mothers 20 years of age and older. In 1970, 31.7 percent of the teenage mothers were unmarried and, by 1980, 51.2 percent.

EDUCATION OF MOTHER: During 1986, 17.0 percent of the mothers delivering live births had less than a twelfth grade education. Slightly more (17.5 percent) had 16 or more years of education which is an increase of over 24 percent since 1980.

ATTENDENT AT BIRTH: The attendant at birth was most often a physician - in 97.1 percent of the births. Only 2.6 percent of live births were attended by a midwife. The number of midwife-attended births rose steadily between 1980 and 1984. However, in 1985 and again in 1986, there were slight declines in the number of midwife-attended births. Nearly 99 percent of the resident live births in 1986 were hospital deliveries.

MEDICAL CONDITIONS: Complications of pregnancy were reported for 24.7 percent of the live births in 1986 compared to 15.7 percent in 1980. For teenage mothers and mothers 35-44 years of age, the percentages tended to be higher than for mothers 20-34 years of age. Complications of labor or delivery were reported in 19.1 percent of the live births with an age distribution similar to complications of pregnancy.

METHOD OF DELIVERY: Spontaneous vaginal deliveries accounted for nearly two-thirds of all resident live births in 1986. The proportion of deliveries involving forceps dropped to 7.5 percent, a 52.2 percent decrease from the 1980 figure of 15.7. The proportion of caesarean sections has increased steadily and dramatically over the years to 22.7 percent in 1986, a rise of 45.5 percent from the 15.6 percent recorded in 1980. In 1970, only 5.6 percent of the births were delivered as caesarean sections, and, in 1975, 9.9 percent.

APGAR SCORE: The percentage of white births with Apgar scores of 0-3 at one minute was 1.8 compared to 3.8 for births of all other races. At five minutes, 96.8 percent of white births and 94.3 percent of all other births had an Apgar score of 8, 9 or 10. Differences between males and females were slight, with males tending to have somewhat lower scores than females. For example, 5.4 percent of the males had Apgar scores of 0-5 at one minute compared to 4.6 percent of the females.

GIVEN NAMES: Ashley was the most popular first name given to females born in Pennsylvania during 1986, as it was in 1985. Between 1970 and 1984, Jennifer was the most popular name, but it had dropped to fourth place by 1986. Jessica, Amanda, Nicole, Sarah, and Heather have continued to be popular since 1980. None of the top ten most popular names given to females born in 1960 were on the 1986

list. Only two names from the 1970 list (Jennifer and Heather) still occurred on the 1986 list.

Among the male infants, Michael continued to be the most popular given first name, as it has been since 1970. The male names, unlike the female names, have not changed very much since 1960. Five of the names on the 1960 list still occurred on the 1986 list (Michael, John, David, Robert, and Joseph). However, Andrew and Ryan were first time newcomers to the top ten in 1986.

COUNTIES

TOTAL BIRTHS: Seven counties (Allegheny, Bucks, Chester, Delaware, Lancaster, Montgomery, and Philadelphia) had 5,000 or more resident live births each and together accounted for over half (50.7 percent) of all the resident births recorded for the state in 1986. Five counties had crude birth rates of 15.0 per 1,000 population or higher in 1986 - Philadelphia (17.1), Lancaster (15.7), Cameron (15.2), Chester (15.1), and Dauphin (15.0). The five-year (1982-1986) summary crude birth rates show Philadelphia County with the highest rate, 15.8 per 1,000 population. Lancaster and Cameron Counties followed at 15.6 and 15.2, respectively. Southwestern and northeastern counties tended to have five-year summary birth rates lower than the state rate.

FERTILITY RATES: Centre County had the lowest general fertility rate with 41.7 resident live births per 1,000 females of childbearing age (between the ages of 15 and 44). The next lowest general fertility rate was Indiana County's 45.4. Cameron and Philadelphia Counties had the highest general fertility rates at 75.0 and 71.5, respectively.

BIRTHS BY RACE: Five counties accounted for almost 84 percent of the births to races other than white - Allegheny, Dauphin, Delaware, Montgomery, and Philadelphia. There were no births to races other than white in one rural county (Potter), and fifteen other rural counties had only one to three live births of races other than white. Philadelphia, since 1981, has been the only county with more than 50 percent other than white births. Five-year summary (1982-1986) figures by race indicate that all counties had resident live births of races other than white.

AGE OF MOTHER: Sullivan County had the highest percentage of teenage mothers with 21.0 percent. Philadelphia and Fulton Counties were the next highest with 17.9 percent and 17.1 percent, respectively. Pike County had the lowest percentage (4.1). The next lowest county was Montgomery with 5.6 percent.

BIRTH WEIGHT: Philadelphia County had the highest percentage of low birth weight infants (under 2500 grams or 5 pounds 9 ounces) at 10.8 percent and this figure accounted for 27.4 percent of all the low birth weight infants born to Pennsylvania residents in 1986. The next highest percentage was McKean with 7.8 percent followed by Blair and Jefferson Counties with 7.6 percent each and Allegheny County at 7.5 percent. Forest County had the highest percentage of very low birth weight infants (under 1500 grams or 3 pounds 5 ounces) with 5.5 percent but this figure included only three births. Philadelphia County at 2.2 percent and Cameron County at 2.0 percent followed.

Five-year summary (1982-1986) low and very low birth weight percentages were similar to 1986 figures. Philadelphia had the highest percentages of both low (10.5) and very low (2.1) birth weights during that time. Allegheny County at 7.0 had the next highest percentage of low birth weight, while Allegheny, Cameron, and Forest Counties shared the second highest percentage of very low birth weight at 1.4 during 1982-1986.

EDUCATION OF MOTHER: Lancaster County had the highest percentage of mothers with an eighth grade education or less (15.6). Mifflin County had 14.9, Snyder County, 14.5, and Union County, 11.4 percent. The state percentage was 2.7. Montgomery, Centre, and Chester Counties led in highest percentages with mothers who had 16 or more years of education - 34.1, 31.1, and 29.6, respectively, compared to 17.5 percent for the state.

MARITAL STATUS OF MOTHER: Over 52 percent of the births recorded for Philadelphia residents were to unmarried mothers. The next highest counties were Sullivan with 32.3 percent and Dauphin with 31.2 percent unmarried mothers. In only two counties were less than 10 percent of the mothers unmarried - Pike (8.3 percent) and Snyder (9.9 percent).

PRENATAL CARE: (NOTE: The percentages cited in the paragraph below were computed by excluding those births for whom trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Sullivan County had the lowest percentage of mothers receiving prenatal care in the first trimester or three months of pregnancy - 61.3. Next lowest was Philadelphia with 62.9 percent obtaining prenatal care in the first trimester followed by McKean with 70.2 percent and Bedford with 70.4 percent. Seven counties had percentages of mothers receiving prenatal care in the first trimester at 85 percent or higher - Elk (87.4), Venango (87.3), Lawrence (86.6), Northampton (86.4), Bucks (86.0), Indiana and Montgomery (85.0).

ATTENDANT AT BIRTH: Lancaster County, which had only 3.9 percent of Pennsylvania's live births, accounted for over 30 percent of all live births in the state delivered outside of a hospital. Three counties had rather high percentages of deliveries by a mid-wife - Clinton (31.8), Mifflin (28.3), and Huntingdon (23.5).

CITIES AND BOROUGHS

TOTAL BIRTHS: The 27 municipalities listed in this section accounted for almost one third of all the resident live births in the state during 1986. Harrisburg had the highest resident birth rate with 23.4 per 1,000 population. Chester was a close second at 23.1. Norristown was third at 21.6. State College had, by far, the lowest birth rate - 5.6, almost half the rate of the next lowest municipality, West Mifflin with 10.7.

BIRTHS BY RACE: In three municipalities less than half of the total births were white. In Chester, other than white births accounted for 74.6 percent of all births compared to 71.4 percent in 1985. In Harrisburg, 62.4 percent of the births were of races other than white. Philadelphia residents of races other than white accounted for 53.3 percent of the births in 1986.

AGE OF MOTHER: Approximately 25 percent of the resident live births in Chester and Harrisburg during 1986 were to teenage mothers. Over 20 percent of the mothers were teenagers in Lancaster and York in 1986.

BIRTH WEIGHT: Five municipalities had percentages of low birth weight infants (under 2500 grams or 5 pounds 9 ounces) above 10 percent - Chester (11.3), Harrisburg (11.2), Philadelphia (10.8), Sharon (10.3), and Pittsburgh (10.1). In comparison, the state figure was 6.9 percent. Norristown had the highest percentage of very low birth weight infants (under 1500 grams or 3 pounds 5 ounces) at 2.7 percent. In all other areas of the state outside of the 27 municipalities, only 5.6 percent of the live births were low birth weight and 0.9 percent very low birth weight.

EDUCATION AND MARITAL STATUS OF MOTHER: Lancaster and Reading at 7.2 and 6.7, respectively, had the highest percentages of mothers with an eighth grade education or less. State College had, by far, the highest percentage of mothers with a college education - 57.1. Next highest was Bethel Park at 38.5 percent.

Chester had the highest percentage of births to unmarried mothers - 64.6, followed by Harrisburg (60.7 percent), Philadelphia (52.3 percent), York (51.0 percent), and Lancaster (48.0 percent). In Bethel Park, Plum, and State College Boroughs, over 90 percent of the mothers were married at time of birth. In all other areas of the state outside of the 27 municipalities, 14.4 percent of the births occurred to unmarried mothers compared to 24.4 percent for the entire state.

PRENATAL CARE: (NOTE: The percentages cited in the paragraph below were computed by excluding those births for whom trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Harrisburg and Chester had the lowest percentages of mothers obtaining prenatal care in the first trimester of pregnancy - 55.8 and 55.9, respectively. Percentages of four other municipalities fell below 70 percent - Philadelphia (62.9 percent), Reading (65.3 percent), McKeesport (65.6 percent), and Williamsport (66.3 percent). Bethel Park Borough had the highest percentage of mothers receiving care in the first three months of pregnancy with 94.1 percent. Next highest was Plum Borough with 89.4 percent. In all other areas of the state outside of the 27 municipalities, 82.5 percent received care in the first trimester, and, in the state, 78.3 percent.

****
LIST OF DATA TABLES AND ILLUSTRATIONS
****

NATALITY DATA TABLES **PAGE**

TABLE B-1 RESIDENT LIVE BIRTHS: PENNSYLVANIA, 1915-1986 25

TABLE B-2 RESIDENT LIVE BIRTH RATE, GENERAL FERTILITY RATE AND TOTAL FERTILITY RATE: PENNSYLVANIA AND UNITED STATES, 1950-1986 26

TABLE B-3 RESIDENT LIVE BIRTHS BY AGE OF MOTHER, NUMBER AND RATE: PENNSYLVANIA, 1986, 1985, 1980, 1975, 1970 28

TABLE B-4A RESIDENT LIVE BIRTHS BY AGE OF MOTHER, SEX AND RACE OF CHILD, PENNSYLVANIA, 1986 29

TABLE B-4B RESIDENT LIVE BIRTH RATE BY AGE OF MOTHER AND RACE OF CHILD, PENNSYLVANIA, 1986 29

TABLE B-5A RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF FIRST PRENATAL VISIT, NUMBER AND PERCENT: PENNSYLVANIA, 1986 30

TABLE B-5B RESIDENT LIVE BIRTHS BY RACE OF CHILD AND TRIMESTER OF FIRST PRENATAL VISIT, NUMBER AND PERCENT: PENNSYLVANIA, 1986 30

TABLE B-6 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT, SEX AND RACE OF CHILD, NUMBER AND PERCENT: PENNSYLVANIA, 1986 31

TABLE B-7 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT, NUMBER AND PERCENT: PENNSYLVANIA, 1986 31

TABLE B-8 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS PREGNANCIES, NUMBER AND PERCENT: PENNSYLVANIA, 1986 32

TABLE B-9 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS, NUMBER AND PERCENT: PENNSYLVANIA, 1986 32

TABLE B-10 RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER, NUMBER AND PERCENT: PENNSYLVANIA, 1986 33

TABLE B-11 RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER, NUMBER AND PERCENT: PENNSYLVANIA, 1986 33

TABLE B-12 RESIDENT LIVE BIRTHS BY AGE OF MOTHER, PLACE OF DELIVERY AND ATTENDANT AT BIRTH, PENNSYLVANIA, 1986 34

TABLE B-13 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TYPE OF MEDICAL CONDITION, NUMBER AND PERCENT: PENNSYLVANIA, 1986 34

TABLE B-14A RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY, NUMBER: PENNSYLVANIA, 1986 35

TABLE B-14B RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY, PERCENT: PENNSYLVANIA, 1986 35

TABLE B-15A RESIDENT LIVE BIRTHS BY APGAR SCORE AT ONE MINUTE BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1986 36

TABLE B-15B RESIDENT LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1986 36

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES (CONTINUED) **PAGE**

TABLE B-16 NAMES MOST FREQUENTLY GIVEN TO LIVE BIRTHS OCCURRING IN PENNSYLVANIA BY SEX, 1986, 1980, 1970, 1960 37

TABLE B-17 RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY, TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES: PENNSYLVANIA, 1986 38

TABLE B-18 RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY, NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 40

TABLE B-19 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY, PENNSYLVANIA, 1986 44

TABLE B-20 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1986 46

TABLE B-21 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 48

TABLE B-22 RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1986 52

TABLE B-23 RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1986 54

TABLE B-24 RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1986 56

TABLE B-25 RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH AND COUNTY, PENNSYLVANIA, 1986 58

TABLE B-26 RESIDENT LIVE BIRTHS BY SEX, RACE AND SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, 1986 60

TABLE B-27 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SELECTED MUNICIPALITIES, PENNSYLVANIA, 1986 62

TABLE B-28 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1986 63

TABLE B-29 RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1986 64

TABLE B-30 RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1986 65

TABLE B-31 RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1986 . 66

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA ILLUSTRATIONS **PAGE**

FIGURE B-1 LIVE BIRTH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 27

FIGURE B-2 GENERAL FERTILITY RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 27

FIGURE B-3 RESIDENT BIRTH RATES BY AGE OF MOTHER, PENNSYLVANIA, 1986 28

FIGURE B-4 STATE MAP: RESIDENT BIRTH RATES BY COUNTY, PENNSYLVANIA, 1986 . . 42

FIGURE B-5 STATE MAP: RESIDENT BIRTH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 42

FIGURE B-6 STATE MAP: GENERAL FERTILITY RATES BY COUNTY, PENNSYLVANIA RESIDENTS, 1986 43

FIGURE B-7 RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT BY COUNTY, PENNSYLVANIA, 1986 50

FIGURE B-8 RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 51

FIGURE B-9 RESIDENT LIVE BIRTH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, 1986 61

TABLE B-1
RESIDENT LIVE BIRTHS: PENNSYLVANIA, 1915-1986

YEAR	NUMBER	YEAR	NUMBER	YEAR	NUMBER
1986	160,336	1961	240,172	1936	159,393
1985	160,001	1960	241,099	1935	161,166
1984	156,799	1959	246,615	1934	160,238
1983	157,810	1958	249,810	1933	157,046
1982	161,561	1957	254,997	1932	168,534
1981	160,179	1956	248,019	1931	178,714
1980	158,670	1955	242,591	1930	189,458
1979	157,533	1954	245,521	1929	189,524
1978	151,438	1953	239,206	1928	200,769
1977	153,415	1952	239,964	1927	210,001
1976	148,004	1951	235,074	1926	207,696
1975	148,942	1950	221,635	1925	215,120
1974	151,458	1949	224,581	1924	223,103
1973	153,272	1948	227,227	1923	217,235
1972	163,110	1947	248,513	1922	214,348
1971	180,939	1946	218,376	1921	229,452
1970	192,154	1945	173,799	1920	220,462
1969	185,046	1944	178,370	1919	207,685
1968	185,729	1943	199,366	1918	220,170
1967	188,706	1942	197,177	1917	222,505
1966	195,869	1941	174,193	1916	217,449
1965	204,105	1940	165,456	1915	217,979
1964	218,515	1939	160,774		
1963	221,537	1938	165,708		
1962	226,393	1937	161,133		

NOTE: DATA PRIOR TO 1937 ARE BY PLACE OF OCCURRENCE. ALL OTHER DATA ARE BY PLACE OF RESIDENCE.

TABLE B-2
RESIDENT LIVE BIRTH RATE, GENERAL FERTILITY RATE AND TOTAL FERTILITY RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1986

YEAR	LIVE BIRTH RATE*		GENERAL FERTILITY RATE*		TOTAL FERTILITY RATE*	
	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES
1986	13.5	15.5**	58.9	64.9**	1659.0	***
1985	13.5	15.8**	58.8	66.2**	1642.0	1842.5**
1984	13.2	15.5**	57.9	65.4**	1603.0	1805.5**
1983	13.3	15.5	59.2	65.8	1633.0	1802.9
1982	13.6	15.9	60.6	67.3	1667.5	1828.5
1981	13.5	15.8	60.7	67.4	1654.5	1815.0
1980	13.4	15.9	60.1	68.4	1633.5	1839.5
1979	13.4	15.6	60.4	67.2	1672.0	1808.0
1978	12.9	15.0	58.7	65.5	1617.0	1760.0
1977	13.0	15.1	59.8	66.8	1620.5	1789.5
1976	12.5	14.6	57.7	65.0	1569.5	1738.0
1975	12.6	14.6	58.7	66.0	1600.5	1774.0
1974	12.8	14.8	60.5	67.8	1673.5	1835.0
1973	12.9	14.8	61.7	68.8	1734.5	1879.0
1972	13.7	15.6	66.3	73.1	1892.5	2010.0
1971	15.1	17.2	75.4	81.6	2188.5	2266.5
1970	16.3	18.4	80.6	87.9	2378.5	2480.0
1969	15.7	17.9	76.6	86.1	2245.0	2455.5
1968	15.8	17.6	77.6	85.2	2319.5	2464.2
1967	16.2	17.8	80.0	87.2	2444.5	2557.7
1966	16.8	18.4	83.4	90.8	2593.5	2721.4
1965	17.7	19.4	87.6	96.3	2754.5	2912.6
1964	19.1	21.1	94.8	104.7	3002.0	3190.5
1963	19.4	21.7	96.2	108.3	3072.5	3318.8
1962	19.9	22.4	98.8	112.0	3222.0	3461.3
1961	20.9	23.3	104.1	117.1	3390.5	3620.3
1960	21.3	23.7	104.5	118.0	3354.5	3653.6
1959	21.8	24.2	104.3	119.9	3258.5	3712.4
1958	22.5	24.5	106.8	120.0	3315.5	3700.5
1957	22.8	25.3	107.7	122.7	3316.5	3767.0
1956	22.3	25.2	103.6	121.0	3169.5	3689.0
1955	21.8	25.0	100.1	118.3	3020.0	3573.7
1954	22.5	25.3	101.9	117.9	3042.0	3542.6
1953	22.1	25.1	98.9	115.0	2912.0	3424.1
1952	22.4	25.1	98.4	113.8	2873.5	3358.4
1951	22.2	24.9	96.5	111.4	2799.5	3269.3
1950	21.1	24.1	90.6	106.2	2610.0	3090.5

* LIVE BIRTH RATES PER 1,000 POPULATION.

GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).

TOTAL FERTILITY RATE: THE SUM OF THE AGE-SPECIFIC BIRTH RATES OF WOMEN IN FIVE YEAR AGE GROUPS MULTIPLIED BY FIVE. THIS RATE ESTIMATES THE NUMBER OF CHILDREN A COHORT OF 1,000 WOMEN WOULD BEAR IF THEY ALL WENT THROUGH THEIR CHILDBEARING YEARS EXPOSED TO THE AGE SPECIFIC BIRTH RATES IN EFFECT AT A PARTICULAR TIME.

** PROVISIONAL DATA.
***DATA NOT AVAILABLE.

FIGURE B–1
LIVE BIRTH RATES
PENNSYLVANIA AND UNITED STATES, 1950–1986

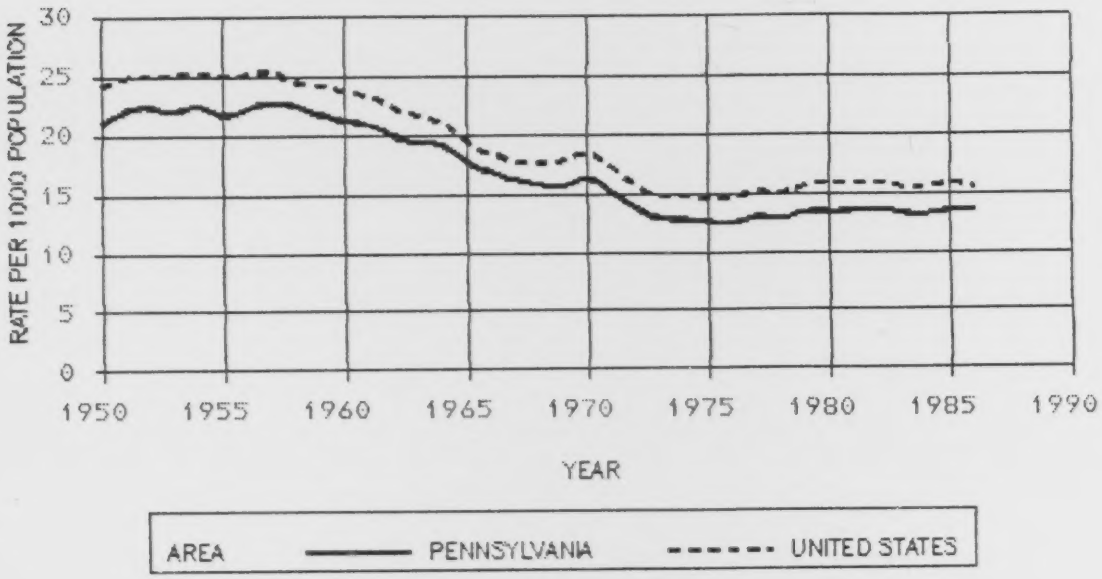


FIGURE B–2
GENERAL FERTILITY RATES
PENNSYLVANIA AND UNITED STATES, 1950–1986

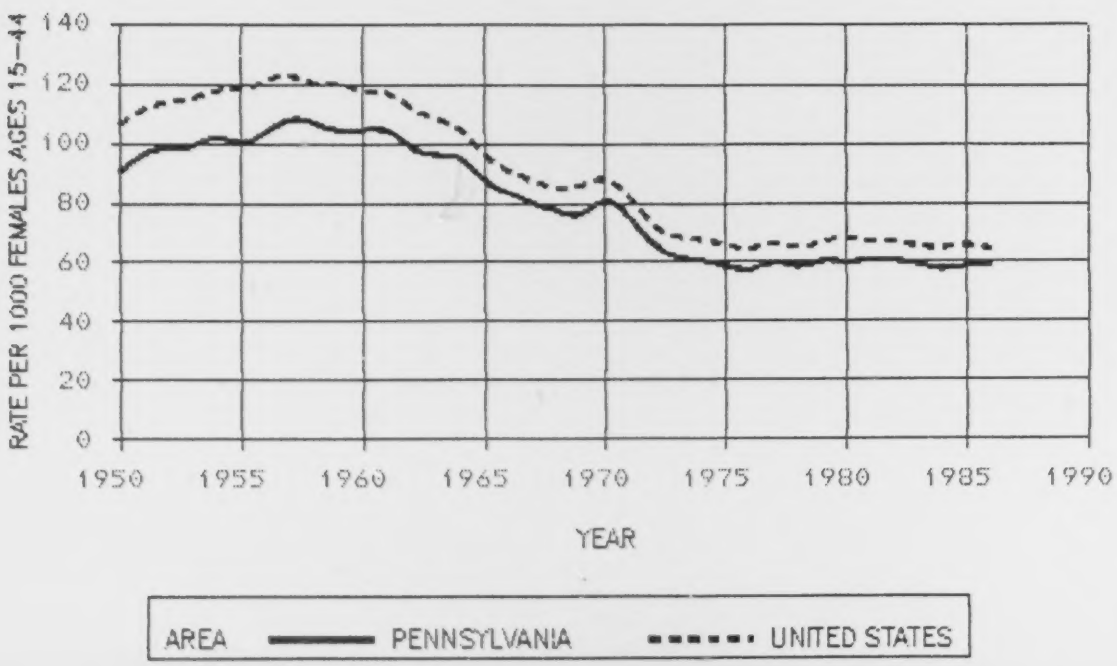


TABLE B-3
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, NUMBER AND RATE:
PENNSYLVANIA, 1986, 1985, 1980, 1975, 1970

AGE OF MOTHER	1986 NUMBER	1986 RATE	1985 NUMBER	1985 RATE	1980 NUMBER	1980 RATE	1975 NUMBER	1975 RATE	1970 NUMBER	1970 RATE
ALL AGES*	160,336	46.9	160,001	46.9	158,670	46.6	148,942	43.3	192,154	57.1
UNDER 15**	356	0.9	359	0.9	324	0.7	412	0.8	443	0.8
15-19	17,795	39.4	18,119	39.2	21,683	40.5	24,701	43.6	28,592	53.2
20-24***	43,509	88.8	45,144	90.0	52,371	97.5	50,414	95.0	71,365	156.1
25-29	54,230	106.7	54,458	106.0	52,077	109.3	47,304	104.8	54,250	149.6
30-34	33,621	70.5	31,803	67.9	25,306	58.6	18,881	52.8	23,913	75.7
35-39	9,640	22.3	8,974	21.2	5,958	17.0	5,815	18.7	10,526	32.3
40-44	1,145	3.1	1,103	3.1	898	2.9	1,334	4.2	2,878	7.5
45 & OVER****	40	0.1	41	0.1	53	0.2	81	0.2	187	0.5

* RATE PER 1,000 FEMALE POPULATION AGES 10-49 YEARS.
** RATE PER 1,000 FEMALE POPULATION AGES 10-14 YEARS.
*** BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.
****RATE PER 1,000 FEMALE POPULATION AGES 45-49 YEARS.

FIGURE B-3
RESIDENT BIRTH RATES BY AGE OF MOTHER
PENNSYLVANIA, 1986

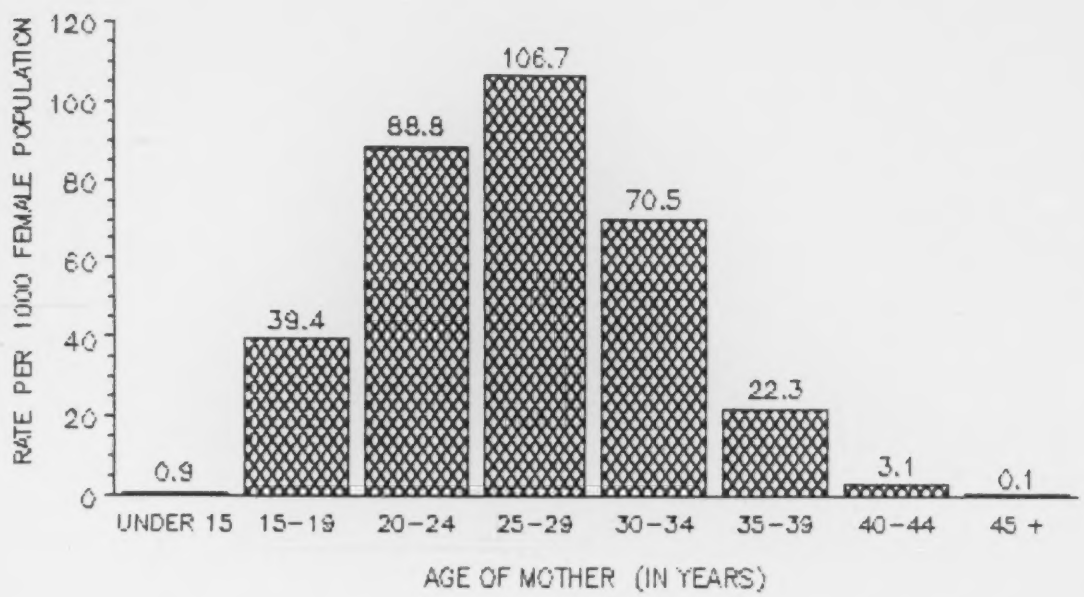


TABLE B-4A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, SEX AND RACE OF CHILD
PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	160,336	134,490	69,258	65,232	25,846	13,210	12,636
UNDER 15	356	127	73	54	229	114	115
15-19	17,795	12,177	6,209	5,968	5,618	2,866	2,752
20-24	43,429	35,071	18,086	16,985	8,358	4,324	4,034
25-29	54,230	47,493	24,494	22,999	6,737	3,393	3,344
30-34	33,621	30,136	15,548	14,588	3,485	1,750	1,735
35-39	9,640	8,435	4,341	4,094	1,205	640	565
40-44	1,145	984	477	507	161	92	69
45 & OVER	40	34	14	20	6	2	4
UNKNOWN	80	33	16	17	47	29	18

* UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-4B
RESIDENT LIVE BIRTH RATE* BY AGE OF MOTHER
AND RACE OF CHILD, PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	ALL RACES	WHITE**	ALL OTHER RACES
ALL AGES	46.9	44.3	67.0
UNDER 15	0.9	0.4	4.8
15-19	39.4	30.7	103.6
20-24***	88.8	81.6	141.4
25-29	106.7	105.7	114.2
30-34	70.5	70.7	68.6
35-39	22.3	21.8	26.8
40-44	3.1	3.0	4.3
45 & OVER	0.1	0.1	0.2

* RATE PER 1,000 FEMALE POPULATION FOR EACH RACE BY AGE GROUP.
ALL AGES INCLUDES FEMALES AGE 10-49 YEARS; UNDER 15 INCLUDES FEMALES AGE 10-14 YEARS; AND 45 & OVER INCLUDES FEMALES AGE 45-49 YEARS.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE AGE 20-24 YEARS.

TABLE B-5A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF 1ST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	160,336	121,044	75.5	25,908	16.2	5,993	3.7	5,765	3.6	1,626	1.0
UNDER 15	356	107	30.1	146	41.0	55	15.4	33	9.3	15	4.2
15-19	17,795	9,022	50.7	5,902	33.2	1,539	8.6	929	5.2	403	2.3
20-24	43,429	30,027	69.1	8,953	20.6	2,147	4.9	1,683	3.9	619	1.4
25-29	54,230	44,749	82.5	6,288	11.6	1,267	2.3	1,605	3.0	321	0.6
30-34	33,621	28,472	84.7	3,262	9.7	655	1.9	1,065	3.2	167	0.5
35-39	9,640	7,806	81.0	1,137	11.8	252	2.6	370	3.8	75	0.8
40-44	1,145	808	70.6	195	17.0	72	6.3	55	4.8	15	1.3
45 & OVER	40	26	65.0	9	22.5	2	5.0	1	2.5	2	5.0
UNKNOWN	80	27	33.7	16	20.0	4	5.0	24	30.0	9	11.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-5B
RESIDENT LIVE BIRTHS BY RACE OF CHILD AND TRIMESTER OF 1ST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

RACE OF CHILD	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL RACES	160,336	121,044	75.5	25,908	16.2	5,993	3.7	5,765	3.6	1,626	1.0
WHITE**	134,490	108,190	80.4	18,556	13.8	3,750	2.8	3,237	2.4	757	0.6
ALL OTHER	25,846	12,854	49.7	7,352	28.4	2,243	8.7	2,528	9.8	869	3.4

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH RACE GROUP.
**UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.

TABLE B-6
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT, SEX AND RACE OF CHILD
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

BIRTH WEIGHT (IN GRAMS)	TOTAL BIRTHS	WHITE** TOTAL NUMBER	WHITE** TOTAL %	WHITE** MALE*** NUMBER	WHITE** MALE*** %	WHITE** FEMALE NUMBER	WHITE** FEMALE %	ALL OTHER TOTAL NUMBER	ALL OTHER TOTAL %	ALL OTHER MALE*** NUMBER	ALL OTHER MALE*** %	ALL OTHER FEMALE NUMBER	ALL OTHER FEMALE %
TOTAL	160,336	134,490	100.0	69,258	100.0	65,232	100.0	25,846	100.0	13,210	100.0	12,636	100.0
0-1499	2,011	1,225	0.9	663	1.0	562	0.9	786	3.0	422	3.2	364	2.9
1500-2499	9,042	6,383	4.7	2,934	4.2	3,449	5.3	2,659	10.3	1,218	9.2	1,441	11.4
2500-3499	83,770	67,613	50.3	31,283	45.2	36,330	55.7	16,157	62.5	7,871	59.6	8,286	65.6
3500-4499	62,387	56,333	41.9	32,328	46.7	24,005	36.8	6,054	23.4	3,577	27.1	2,477	19.6
4500+	3,007	2,836	2.1	1,993	2.9	843	1.3	171	0.7	113	0.9	58	0.5
UNKNOWN	119	100	0.1	57	0.1	43	0.1	19	0.1	9	0.1	10	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COLUMN.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
*** UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-7
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	BIRTH WEIGHT 0-1499 GRAMS NUMBER	0-1499 GRAMS %	1500-2499 GRAMS NUMBER	1500-2499 GRAMS %	2500-3499 GRAMS NUMBER	2500-3499 GRAMS %	3500-4499 GRAMS NUMBER	3500-4499 GRAMS %	4500 GRAMS AND OVER NUMBER	4500 GRAMS AND OVER %	UNKNOWN WEIGHT NUMBER	UNKNOWN WEIGHT %
ALL AGES	160,336	2,011	1.3	9,042	5.6	83,770	52.2	62,387	38.9	3,007	1.9	119	0.1
UNDER 15	356	15	4.2	40	11.2	227	63.8	71	19.9	3	0.8	0	-
15-19	17,795	366	2.1	1,414	7.9	10,521	59.1	5,311	29.8	174	1.0	9	0.1
20-24	43,429	543	1.3	2,565	5.9	24,049	55.4	15,631	36.0	615	1.4	26	0.1
25-29	54,230	580	1.1	2,722	5.0	27,642	51.0	22,187	40.9	1,056	1.9	43	0.1
30-34	33,621	357	1.1	1,654	4.9	16,216	48.2	14,522	43.2	837	2.5	35	0.1
35-39	9,640	128	1.3	556	5.8	4,526	47.0	4,136	42.9	288	3.0	6	0.1
40-44	1,145	16	1.4	79	6.9	531	46.4	487	42.5	32	2.8	0	-
45 & OVER	40	0	-	3	7.5	16	40.0	20	50.0	1	2.5	0	-
UNKNOWN	80	6	7.5	9	11.2	42	52.5	22	27.5	1	1.2	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-8
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS PREGNANCIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	160,336	53,989	33.7	50,680	31.6	29,349	18.3	13,577	8.5	11,616	7.2	1,125	0.7
UNDER 15	356	334	93.8	19	5.3	1	0.3	0	-	0	-	2	0.6
15-19	17,795	12,440	69.9	3,990	22.4	997	5.6	230	1.3	72	0.4	66	0.4
20-24	43,429	17,492	40.3	14,675	33.8	6,784	15.6	2,751	6.3	1,472	3.4	255	0.6
25-29	54,230	15,955	29.4	18,564	34.2	10,829	20.0	4,816	8.9	3,676	6.8	390	0.7
30-34	33,621	6,386	19.0	10,759	32.0	8,180	24.3	4,135	12.3	3,866	11.5	295	0.9
35-39	9,640	1,264	13.1	2,476	25.7	2,348	24.4	1,443	15.0	2,015	20.9	94	1.0
40-44	1,145	99	8.6	175	15.3	203	17.7	185	16.2	471	41.1	12	1.0
45 & OVER	40	3	7.5	3	7.5	1	2.5	4	10.0	28	70.0	1	2.5
UNKNOWN	80	16	20.0	19	23.7	6	7.5	13	16.2	16	20.0	10	12.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-9
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	160,336	66,483	41.5	54,469	34.0	25,182	15.7	8,599	5.4	5,393	3.4	210	0.1
UNDER 15	356	347	97.5	9	2.5	0	-	0	-	0	-	0	-
15-19	17,795	14,052	79.0	3,107	17.5	519	2.9	90	0.5	7	0.0	20	0.1
20-24	43,429	21,500	49.5	14,894	34.3	5,165	11.9	1,437	3.3	386	0.9	47	0.1
25-29	54,230	20,149	37.2	20,409	37.6	9,228	17.0	2,942	5.4	1,448	2.7	54	0.1
30-34	33,621	8,475	25.2	12,721	37.8	7,669	22.8	2,813	8.4	1,882	5.6	61	0.2
35-39	9,640	1,789	18.6	3,083	32.0	2,357	24.5	1,126	11.7	1,270	13.2	15	0.2
40-44	1,145	147	12.8	221	19.3	229	20.0	179	15.6	365	31.9	4	0.3
45 & OVER	40	3	7.5	3	7.5	2	5.0	5	12.5	27	67.5	0	-
UNKNOWN	80	21	26.2	22	27.5	13	16.2	7	8.7	8	10.0	9	11.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-10
RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	MARITAL STATUS					
		MARRIED		UNMARRIED		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	160,336	120,033	74.9	39,098	24.4	1,205	0.8
UNDER 15	356	8	2.2	347	97.5	1	0.3
15-19	17,795	5,190	29.2	12,529	70.4	76	0.4
20-24	43,429	28,708	66.1	14,395	33.1	326	0.8
25-29	54,230	46,205	85.2	7,584	14.0	441	0.8
30-34	33,621	30,331	90.2	3,038	9.0	252	0.7
35-39	9,640	8,539	88.6	1,007	10.4	94	1.0
40-44	1,145	989	86.4	148	12.9	8	0.7
45 & OVER	40	33	82.5	7	17.5	0	-
UNKNOWN	80	30	37.5	43	53.7	7	8.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-11
RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	160,336	4,293	2.7	23,014	14.4	76,747	47.9	26,351	16.4	28,082	17.5	1,849	1.2
UNDER 15	356	229	64.3	109	30.6	1	0.3	0	-	0	-	17	4.8
15-19	17,795	890	5.0	9,184	51.6	6,775	38.1	634	3.6	18	0.1	294	1.7
20-24	43,429	1,196	2.8	7,794	17.9	25,492	58.7	6,541	15.1	1,877	4.3	529	1.2
25-29	54,230	928	1.7	3,912	7.2	27,517	50.7	10,654	19.6	10,691	19.7	528	1.0
30-34	33,621	608	1.8	1,464	4.4	13,143	39.1	6,623	19.7	11,476	34.1	307	0.9
35-39	9,640	327	3.4	459	4.8	3,363	34.9	1,720	17.8	3,660	38.0	111	1.2
40-44	1,145	96	8.4	81	7.1	435	38.0	165	14.4	348	30.4	20	1.7
45 & OVER	40	11	27.5	4	10.0	10	25.0	8	20.0	6	15.0	1	2.5
UNKNOWN	80	8	10.0	7	8.7	11	13.7	6	7.5	6	7.5	42	52.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-12
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, PLACE OF DELIVERY
AND ATTENDANT AT BIRTH, PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL AGES	160,336	154,804	3,045	139	123	845	1,080	244	56
UNDER 15	356	348	6	0	0	2	0	0	0
15-19	17,795	17,133	525	25	39	44	12	16	1
20-24	43,429	41,894	932	43	40	212	245	54	9
25-29	54,230	52,609	822	43	25	253	377	84	17
30-34	33,621	32,436	561	20	16	206	309	55	18
35-39	9,640	9,217	172	6	2	101	114	22	6
40-44	1,145	1,064	25	2	1	25	15	10	3
45 & OVER	40	35	1	0	0	1	0	3	0
UNKNOWN	80	68	1	0	0	1	8	0	2

TABLE B-13
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TYPE OF MEDICAL CONDITION
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES**	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	160,336	39,579	24.7	7,220	4.5	30,676	19.1	635	0.4	1,233	0.8
UNDER 15	356	113	31.7	18	5.1	76	21.3	3	0.8	5	1.4
15-19	17,795	4,399	24.7	723	4.1	3,548	19.9	76	0.4	151	0.8
20-24	43,429	10,331	23.8	1,806	4.2	8,447	19.5	185	0.4	379	0.9
25-29	54,230	12,936	23.9	2,336	4.3	10,314	19.0	221	0.4	348	0.6
30-34	33,621	8,701	25.9	1,652	4.9	6,270	18.6	119	0.4	258	0.8
35-39	9,640	2,730	28.3	572	5.9	1,773	18.4	27	0.3	83	0.9
40-44	1,145	340	29.7	106	9.3	228	19.9	3	0.3	9	0.8
45 & OVER	40	10	25.0	2	5.0	11	27.5	0	-	0	-
UNKNOWN	80	19	23.7	5	6.3	9	11.2	1	1.2	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.
** SEE TECHNICAL NOTES FOR QUALIFICATIONS ABOUT THE REPORTING OF CONGENITAL ANOMALIES.

NOTE: MORE THAN ONE TYPE OF MEDICAL CONDITION MAY BE REPORTED FOR A LIVE BIRTH.

TABLE B-14A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
NUMBER: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY						
		NORMAL DELIVERY	LOW FORCEPS	OTHER FORCEPS	BREECH DELIVERY	ELECTIVE CAESAREAN	OTHER AND UNSPECIFIED CAESAREAN	OTHER AND UNSPECIFIED METHOD
ALL AGES	160,336	105,010	10,653	1,302	658	17,263	19,080	6,370
UNDER 15	356	246	31	4	2	28	37	8
15-19	17,795	12,626	1,299	165	54	1,144	1,949	558
20-24	43,429	29,435	2,895	296	170	4,048	4,983	1,602
25-29	54,230	35,048	3,684	449	234	6,024	6,527	2,264
30-34	33,621	21,048	2,141	282	147	4,467	4,101	1,435
35-39	9,640	5,815	551	95	42	1,379	1,299	459
40-44	1,145	707	46	10	5	163	174	40
45 & OVER	40	25	2	0	2	4	7	0
UNKNOWN	80	60	4	1	2	6	3	4

TABLE B-14B
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
PERCENT*: PENNSYLVANIA, 1986

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY						
		NORMAL DELIVERY	LOW FORCEPS	OTHER FORCEPS	BREECH DELIVERY	ELECTIVE CAESAREAN	OTHER AND UNSPECIFIED CAESAREAN	OTHER AND UNSPECIFIED METHOD
ALL AGES	100.0	65.5	6.6	0.8	0.4	10.8	11.9	4.0
UNDER 15	100.0	69.1	8.7	1.1	0.6	7.9	10.4	2.2
15-19	100.0	71.0	7.3	0.9	0.3	6.4	11.0	3.1
20-24	100.0	67.8	6.7	0.7	0.4	9.3	11.5	3.7
25-29	100.0	64.6	6.8	0.8	0.4	11.1	12.0	4.2
30-34	100.0	62.6	6.4	0.8	0.4	13.3	12.2	4.3
35-39	100.0	60.3	5.7	1.0	0.4	14.3	13.5	4.8
40-44	100.0	61.7	4.0	0.9	0.4	14.2	15.2	3.5
45 & OVER	100.0	62.5	5.0	-	5.0	10.0	17.5	-
UNKNOWN	100.0	75.0	5.0	1.2	2.5	7.5	3.7	5.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: ROWS MAY NOT TOTAL 100.0 PERCENT DUE TO ROUNDING.

TABLE B-15A
RESIDENT LIVE BIRTHS BY APGAR SCORE AT ONE MINUTE
BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1986

APGAR SCORE	TOTAL BIRTHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
TOTAL	160,336	134,490	69,258	65,232	25,846	13,210	12,636
0-3	3,387	2,393	1,379	1,014	994	573	421
4	1,795	1,365	754	611	430	230	200
5	2,829	2,215	1,202	1,013	614	322	292
6	5,156	4,173	2,196	1,977	983	513	470
7	14,775	12,146	6,293	5,853	2,629	1,322	1,307
8	60,765	50,326	25,876	24,450	10,439	5,304	5,135
9	67,817	58,460	29,833	28,627	9,357	4,737	4,620
10	2,675	2,545	1,311	1,234	130	75	55
UNKNOWN	1,137	867	414	453	270	134	136

* UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-15B
RESIDENT LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES
BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1986

APGAR SCORE	TOTAL BIRTHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
TOTAL	160,336	134,490	69,258	65,232	25,846	13,210	12,636
0-3	844	547	310	237	297	167	130
4	240	180	102	78	60	34	26
5	444	323	185	138	121	74	47
6	940	712	382	330	228	116	112
7	2,225	1,719	930	789	506	276	230
8	10,876	8,453	4,522	3,931	2,423	1,263	1,160
9	104,423	85,081	43,900	41,181	19,342	9,813	9,529
10	39,235	36,631	18,518	18,113	2,604	1,331	1,273
UNKNOWN	1,109	844	409	435	265	136	129

* UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-16
NAMES MOST FREQUENTLY GIVEN TO LIVE BIRTHS OCCURRING
IN PENNSYLVANIA BY SEX, 1986, 1980, 1970, 1960

TOP TEN FEMALE NAMES

RANK	1986	1980	1970	1960
1	ASHLEY	JENNIFER	JENNIFER	MARY
2	JESSICA	JESSICA	LISA	SUSAN
3	AMANDA	MELISSA	KIMBERLY	DONNA
4	JENNIFER	AMANDA	MICHELLE	KAREN
5	NICOLE	NICOLE	AMY	PATRICIA
6	SARAH	HEATHER	MELISSA	LINDA
7	LAUREN	AMY	CHRISTINE	LISA
8	STEPHANIE	MICHELLE	MARY	DEBORAH
9	MEGAN	KELLY	TRACY	BARBARA
10	HEATHER	SARAH	HEATHER	KATHLEEN

TOP TEN MALE NAMES

RANK	1986	1980	1970	1960
1	MICHAEL	MICHAEL	MICHAEL	JOHN
2	MATTHEW	JASON	JOHN	MICHAEL
3	CHRISTOPHER	MATTHEW	ROBERT	DAVID
4	DAVID	DAVID	DAVID	ROBERT
5	DANIEL	CHRISTOPHER	JAMES	JAMES
6	ANDREW	JOHN	WILLIAM	WILLIAM
7	JOSEPH	ROBERT	BRIAN	MARK
8	RYAN	JAMES	JOSEPH	JOSEPH
9	ROBERT	BRIAN	CHRISTOPHER	THOMAS
10	JOHN	JOSEPH	THOMAS	RICHARD

TABLE B-17
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	BIRTH RATE	GENERAL FERTILITY RATE	WHITE **			ALL OTHER		
				TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
ALL COUNTIES	160,336	13.5	58.9	134,490	69,258	65,232	25,846	13,210	12,636
ADAMS	1,000	14.0	59.3	972	484	488	28	16	12
ALLEGHENY	17,553	12.8	56.4	14,058	7,141	6,917	3,495	1,818	1,677
ARMSTRONG	961	12.2	58.4	947	472	475	14	6	8
BEAVER	2,241	11.6	54.0	2,020	1,056	964	221	107	114
BEDFORD	551	11.6	53.6	548	276	272	3	3	0
BERKS	4,149	12.9	57.6	3,918	2,006	1,912	231	118	113
BLAIR	1,666	12.6	57.2	1,634	881	753	32	21	11
BRADFORD	886	13.8	61.3	874	455	419	12	6	6
BUCKS	7,299	14.0	58.1	6,920	3,595	3,325	379	176	203
BUTLER	2,043	13.5	57.2	2,024	1,053	971	19	8	11
CAMBRIA	1,893	10.9	50.8	1,827	946	881	66	37	29
CAMERON	99	15.2	75.0	97	51	46	2	1	1
CARBON	580	10.7	51.8	574	283	291	6	5	1
CENTRE	1,366	11.9	41.7	1,276	652	624	90	44	46
CHESTER	5,118	15.1	60.2	4,641	2,386	2,255	477	239	238
CLARION	492	11.5	47.4	480	251	229	12	6	6
CLEARFIELD	1,128	13.7	65.3	1,121	579	542	7	3	4
CLINTON	434	11.4	48.1	431	228	203	3	3	0
COLUMBIA	730	11.9	47.6	722	363	359	8	3	5
CRAWFORD	1,153	13.2	60.7	1,117	582	535	36	15	21
CUMBERLAND	2,138	11.3	46.2	2,041	1,077	964	97	43	54
DAUPHIN	3,545	15.0	64.8	2,612	1,373	1,239	933	479	454
DELAWARE	7,986	14.2	62.7	6,653	3,377	3,276	1,333	683	650
ELK	524	14.0	66.1	522	247	275	2	1	1
ERIE	4,064	14.6	59.9	3,632	1,856	1,776	432	205	227
FAYETTE	1,791	11.5	55.2	1,691	884	807	100	51	49
FOREST	55	11.4	56.4	53	28	25	2	1	1
FRANKLIN	1,521	12.8	57.1	1,473	747	726	48	21	27
FULTON	187	13.4	61.0	183	88	95	4	2	2
GREENE	465	11.4	50.8	455	233	222	10	6	4
HUNTINGDON	514	12.0	52.7	505	269	236	9	6	3
INDIANA	1,093	11.8	45.4	1,072	546	526	21	10	11
JEFFERSON	617	12.7	60.2	616	308	308	1	0	1

(CONTINUED)

TABLE B-17
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	BIRTH RATE	GENERAL FERTILITY RATE	WHITE ** TOTAL	WHITE ** MALE***	WHITE ** FEMALE	ALL OTHER TOTAL	ALL OTHER MALE***	ALL OTHER FEMALE
JUNIATA	258	12.9	61.2	256	126	130	2	2	0
LACKAWANNA	2,636	11.8	55.0	2,562	1,301	1,261	74	37	37
LANCASTER	6,194	15.7	66.3	5,859	3,054	2,805	335	175	160
LAWRENCE	1,143	11.2	53.3	1,077	546	531	66	31	35
LEBANON	1,377	12.3	53.7	1,350	686	664	27	16	11
LEHIGH	3,626	12.9	55.2	3,407	1,724	1,683	219	121	98
LUZERNE	3,810	11.5	55.2	3,758	1,955	1,803	52	31	21
LYCOMING	1,610	13.8	61.6	1,547	795	752	63	43	20
MCKEAN	625	13.2	64.9	617	326	291	8	5	3
MERCER	1,436	11.6	52.7	1,297	668	629	139	67	72
MIFFLIN	579	12.5	56.6	572	303	269	7	3	4
MONROE	907	11.0	46.1	879	457	422	28	16	12
MONTGOMERY	9,052	13.5	58.6	8,159	4,232	3,927	893	451	442
MONTOUR	239	14.3	63.3	238	125	113	1	0	1
NORTHAMPTON	2,718	11.6	52.0	2,570	1,342	1,228	148	71	77
NORTHUMBERLAND	1,181	11.9	57.4	1,172	584	588	9	5	4
PERRY	547	14.1	60.3	544	282	262	3	1	2
PHILADELPHIA	28,040	17.1	71.5	13,081	6,722	6,359	14,959	7,661	7,298
PIKE	241	10.8	53.2	240	133	107	1	0	1
POTTER	238	13.0	63.0	238	123	115	0	0	0
SCHUYLKILL	1,709	10.9	54.1	1,688	872	816	21	15	6
SNYDER	516	14.5	60.0	515	279	236	1	0	1
SOMERSET	929	11.5	54.5	925	474	451	4	2	2
SULLIVAN	62	9.8	45.7	61	37	24	1	0	1
SUSQUEHANNA	526	13.2	62.1	522	275	247	4	2	2
TIOGA	505	12.5	53.7	499	258	241	6	3	3
UNION	438	12.7	54.3	432	209	223	6	4	2
VENANGO	790	12.7	58.9	783	390	393	7	5	2
WARREN	591	12.7	61.0	588	308	280	3	1	2
WASHINGTON	2,353	11.1	51.5	2,232	1,153	1,079	121	57	64
WAYNE	466	12.0	58.1	463	243	220	3	1	2
WESTMORELAND	4,350	11.4	51.4	4,192	2,144	2,048	158	71	87
WYOMING	380	13.7	60.4	379	189	190	1	1	0
YORK	4,422	13.5	57.1	4,079	2,170	1,909	343	169	174

* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY.
GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-18
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986

COUNTY	TOTAL BIRTHS 1982-86	BIRTH RATE*	WHITE ** TOTAL	WHITE ** MALE***	WHITE ** FEMALE	ALL OTHER TOTAL	ALL OTHER MALE***	ALL OTHER FEMALE
ALL COUNTIES	796,507	13.4	678,284	348,983	329,301	118,223	60,177	58,046
ADAMS	4,969	14.1	4,820	2,492	2,328	149	79	70
ALLEGHENY	88,880	12.7	72,585	37,033	35,552	16,295	8,326	7,969
ARMSTRONG	5,070	12.9	4,989	2,514	2,475	81	41	40
BEAVER	12,083	12.2	10,877	5,608	5,269	1,206	618	588
BEDFORD	2,888	12.1	2,876	1,415	1,461	12	6	6
BERKS	20,664	13.0	19,392	10,048	9,344	1,272	649	623
BLAIR	8,565	12.8	8,440	4,347	4,093	125	66	59
BRADFORD	4,610	14.4	4,571	2,327	2,244	39	23	16
BUCKS	35,681	14.0	33,812	17,450	16,362	1,869	955	914
BUTLER	10,393	13.8	10,280	5,382	4,898	113	48	65
CAMBRIA	10,385	11.8	10,038	5,189	4,849	347	181	166
CAMERON	505	15.2	500	267	233	5	4	1
CARBON	3,036	11.2	3,003	1,542	1,461	33	24	9
CENTRE	6,700	11.8	6,311	3,201	3,110	389	194	195
CHESTER	23,973	14.4	21,489	11,102	10,387	2,484	1,252	1,232
CLARION	2,754	12.8	2,719	1,397	1,322	35	18	17
CLEARFIELD	5,610	13.5	5,580	2,920	2,660	30	16	14
CLINTON	2,413	12.6	2,389	1,198	1,191	24	14	10
COLUMBIA	3,745	12.2	3,700	1,874	1,826	45	25	20
CRAWFORD	6,259	14.1	6,124	3,198	2,926	135	65	70
CUMBERLAND	10,768	11.6	10,331	5,321	5,010	437	205	232
DAUPHIN	16,791	14.2	12,740	6,502	6,238	4,051	2,017	2,034
DELAWARE	38,781	14.0	32,747	16,888	15,859	6,034	3,014	3,020
ELK	2,675	14.2	2,660	1,333	1,327	15	8	7
ERIE	20,921	14.9	18,970	9,759	9,211	1,951	974	977
FAYETTE	9,844	12.5	9,298	4,812	4,486	546	282	264
FOREST	276	11.1	269	140	129	7	4	3
FRANKLIN	7,463	12.8	7,143	3,670	3,473	320	148	172
FULTON	903	13.3	887	444	443	16	10	6
GREENE	2,673	13.1	2,635	1,280	1,355	38	22	16
HUNTINGDON	2,722	12.7	2,667	1,336	1,331	55	29	26
INDIANA	5,925	12.8	5,840	3,021	2,819	85	45	40
JEFFERSON	3,412	14.1	3,400	1,762	1,638	12	8	4

(CONTINUED)

TABLE B-18
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986

COUNTY	TOTAL BIRTHS 1982-86	BIRTH RATE*	WHITE ** TOTAL	WHITE ** MALE***	WHITE ** FEMALE	ALL OTHER TOTAL	ALL OTHER MALE***	ALL OTHER FEMALE
JUNIATA	1,363	13.8	1,353	689	664	10	8	2
LACKAWANNA	13,485	12.0	13,151	6,760	6,391	334	160	174
LANCASTER	29,747	15.6	28,214	14,554	13,660	1,533	789	744
LAWRENCE	6,300	12.1	5,956	2,982	2,974	344	185	159
LEBANON	7,219	13.0	7,074	3,698	3,376	145	82	63
LEHIGH	17,688	12.7	16,715	8,653	8,062	973	543	430
LUZERNE	18,824	11.2	18,516	9,564	8,952	308	163	145
LYCOMING	8,294	14.2	8,003	4,065	3,938	291	168	123
MCKEAN	3,224	13.2	3,190	1,664	1,526	34	19	15
MERCER	7,615	12.1	6,982	3,616	3,366	633	306	327
MIFFLIN	3,141	13.5	3,119	1,645	1,474	22	11	11
MONROE	4,577	11.8	4,437	2,288	2,149	140	70	70
MONTGOMERY	43,196	13.1	39,109	20,123	18,986	4,087	2,068	2,019
MONTOUR	1,220	14.5	1,203	602	601	17	8	9
NORTHAMPTON	13,669	11.9	12,963	6,695	6,268	706	365	341
NORTHUMBERLAND	6,097	12.2	6,064	3,116	2,948	33	16	17
PERRY	2,640	14.1	2,620	1,368	1,252	20	13	7
PHILADELPHIA	130,701	15.8	63,716	32,912	30,804	66,985	34,169	32,816
PIKE	1,138	11.0	1,131	595	536	7	4	3
POTTER	1,342	14.8	1,335	677	658	7	4	3
SCHUYLKILL	8,879	11.3	8,775	4,446	4,329	104	55	49
SNYDER	2,494	14.2	2,480	1,283	1,197	14	6	8
SOMERSET	5,256	12.9	5,238	2,687	2,551	18	10	8
SULLIVAN	329	10.5	325	169	156	4	2	2
SUSQUEHANNA	2,775	14.3	2,762	1,465	1,297	13	7	6
TIOGA	2,690	13.3	2,664	1,353	1,311	26	11	15
UNION	2,178	12.8	2,164	1,118	1,046	14	8	6
VENANGO	4,208	13.2	4,160	2,121	2,039	48	23	25
WARREN	3,156	13.4	3,139	1,607	1,532	17	7	10
WASHINGTON	12,628	11.7	11,930	6,130	5,800	698	355	343
WAYNE	2,403	12.8	2,384	1,239	1,145	19	12	7
WESTMORELAND	22,420	11.6	21,582	11,119	10,463	838	405	433
WYOMING	1,982	14.5	1,970	995	975	12	7	5
YORK	21,292	13.3	19,778	10,213	9,565	1,514	748	766

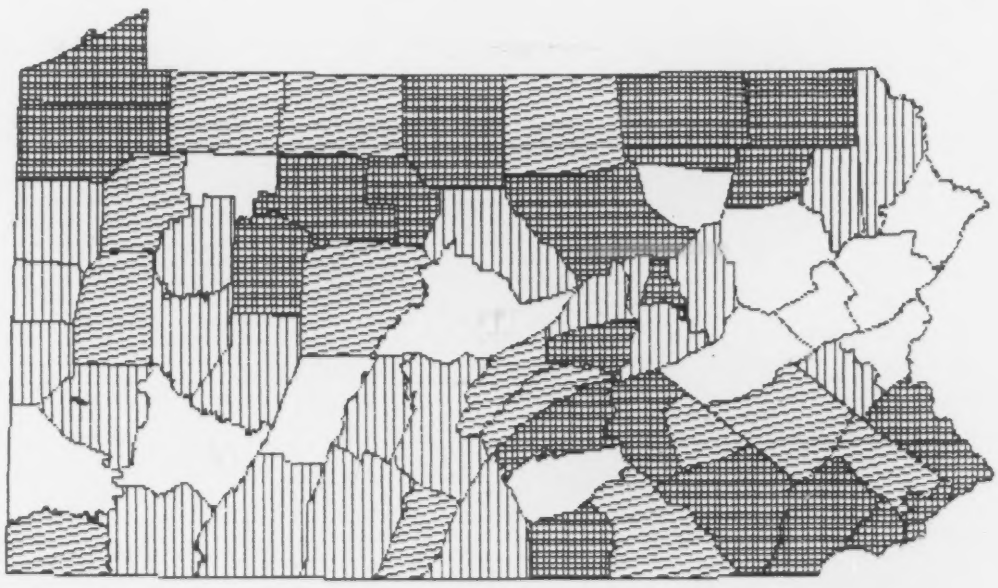
* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY, 1982-1986.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

FIGURE B–4
RESIDENT BIRTH RATES BY COUNTY, PENNSYLVANIA, 1986

RATE < 12.0 12.0–12.9 13.0–13.9 14.0 +

NOTE: RATE PER 1,000 POPULATION, 1986. SEE TABLE B–17 FOR COUNTY RATES.

FIGURE B–5
RESIDENT BIRTH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1982–1986



RATE < 12.0 12.0–12.9 13.0–13.9 14.0 +

NOTE: RATE PER 1,000 POPULATION, 1982–1986. SEE TABLE B–18 FOR COUNTY RATES.

FIGURE B–6
GENERAL FERTILITY RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1986

RATE < 53.0 53.0–56.9 57.0–60.9 61.0 +

NOTE: GENERAL FERTILITY RATE IS THE NUMBER OF LIVE BIRTHS PER 1,000 FEMALES BETWEEN THE AGES OF 15 AND 44 YEARS. SEE TABLE B–17 FOR COUNTY RATES.

TABLE B-19
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS) UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
ALL COUNTIES	160,336	356	17,795	43,429	54,230	33,621	9,640	1,145	40	80
ADAMS	1,000	0	103	325	334	174	61	2	0	1
ALLEGHENY	17,553	42	1,560	3,904	6,219	4,415	1,273	134	3	3
ARMSTRONG	961	2	125	321	309	158	41	5	0	0
BEAVER	2,241	2	232	629	779	478	108	13	0	0
BEDFORD	551	2	74	189	170	87	24	5	0	0
BERKS	4,149	10	458	1,152	1,392	883	218	35	1	0
BLAIR	1,666	2	247	508	540	292	69	7	1	0
BRADFORD	886	1	124	312	277	132	35	5	0	0
BUCKS	7,299	6	436	1,593	2,782	1,910	535	34	1	2
BUTLER	2,043	1	170	519	755	465	121	12	0	0
CAMBRIA	1,893	1	214	556	651	351	106	14	0	0
CAMERON	99	1	13	37	26	17	2	2	1	0
CARBON	380	1	71	195	183	100	26	4	0	0
CENTRE	1,366	2	121	364	483	305	82	9	0	0
CHESTER	5,118	6	323	1,079	1,835	1,384	436	53	0	2
CLARION	492	0	45	170	160	95	19	3	0	0
CLEARFIELD	1,128	1	143	407	344	177	53	3	0	0
CLINTON	434	1	56	140	145	65	24	3	0	0
COLUMBIA	730	0	84	247	235	121	36	7	0	0
CRAWFORD	1,153	0	121	368	395	211	46	11	0	1
CUMBERLAND	2,138	1	146	511	791	528	146	12	0	3
DAUPHIN	3,545	9	482	1,004	1,129	702	194	20	0	5
DELAWARE	7,986	20	670	1,767	2,832	2,034	598	63	2	0
ELK	524	0	56	166	185	94	22	1	0	0
ERIE	4,064	9	529	1,092	1,391	803	220	20	0	0
FAYETTE	1,791	7	289	567	583	254	79	12	0	0
FOREST	55	0	7	19	14	13	2	0	0	0
FRANKLIN	1,521	2	194	508	499	229	73	12	1	3
FULTON	187	0	32	75	54	20	5	1	0	0
GREENE	465	2	72	147	140	82	21	1	0	0
HUNTINGDON	514	0	74	201	146	72	16	5	0	0
INDIANA	1,093	1	120	315	378	227	46	6	0	0
JEFFERSON	617	0	89	215	205	83	23	2	0	0

(CONTINUED)

TABLE B-19
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
JUNIATA	258	0	31	94	77	40	12	4	0	0
LACKAWANNA	2,636	2	235	686	886	607	200	18	2	0
LANCASTER	6,194	8	542	1,771	2,180	1,260	372	55	5	1
LAWRENCE	1,143	2	117	334	406	224	51	8	1	0
LEBANON	1,377	2	151	431	470	247	68	7	1	0
LEHIGH	3,626	7	323	909	1,354	801	208	22	2	0
LUZERNE	3,810	1	421	969	1,299	840	235	44	1	0
LYCOMING	1,610	2	217	487	527	284	86	7	0	0
MCKEAN	625	0	86	218	195	95	30	1	0	0
MERCER	1,436	2	158	433	480	265	83	15	0	0
MIFFLIN	579	0	78	204	175	87	31	3	1	0
MONROE	907	1	67	243	331	193	66	6	0	0
MONTGOMERY	9,052	3	506	1,713	3,378	2,554	801	94	0	3
MONTOUR	239	0	14	66	96	47	15	1	0	0
NORTHAMPTON	2,718	5	267	677	983	620	149	17	0	0
NORTHUMBERLAND	1,181	0	169	399	375	174	58	5	0	1
PERRY	547	0	51	177	184	103	31	1	0	0
PHILADELPHIA	28,040	159	4,865	8,527	8,161	4,603	1,472	197	7	49
PIKE	241	0	10	63	93	51	22	2	0	0
POTTER	238	1	29	87	68	30	22	0	1	0
SCHUYLKILL	1,709	3	231	551	547	286	75	15	1	0
SNYDER	516	1	63	199	149	78	19	6	0	1
SOMERSET	929	5	108	298	302	170	40	4	2	0
SULLIVAN	62	0	13	20	21	7	0	1	0	0
SUSQUEHANNA	526	1	63	163	172	91	31	5	0	0
TIOGA	505	1	73	180	151	81	18	1	0	0
UNION	438	0	59	130	129	81	34	3	1	1
VENANGO	790	0	97	233	292	134	28	6	0	0
WARREN	591	0	68	194	181	112	31	3	1	1
WASHINGTON	2,353	6	239	595	885	519	92	16	0	1
WAYNE	466	0	42	141	156	90	31	5	1	0
WESTMORELAND	4,350	4	383	1,149	1,550	988	250	24	2	0
WYOMING	380	1	49	122	104	76	26	2	0	0
YORK	4,422	7	490	1,364	1,512	822	193	31	1	2

TABLE B-20
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	160,336	2,011	1.3	9,042	5.6	83,770	52.2	62,387	38.9	3,007	1.9	119	0.1
ADAMS	1,000	3	0.3	58	5.8	527	52.7	394	39.4	18	1.8	0	-
ALLEGHENY	17,553	265	1.5	1,053	6.0	9,138	52.1	6,774	38.6	295	1.7	28	0.2
ARMSTRONG	961	9	0.9	56	5.8	500	52.0	377	39.2	19	2.0	0	-
BEAVER	2,241	21	0.9	104	4.6	1,150	51.3	911	40.7	55	2.5	0	-
BEDFORD	551	8	1.5	28	5.1	301	54.6	204	37.0	10	1.8	0	-
BERKS	4,149	46	1.1	189	4.6	2,126	51.2	1,692	40.8	94	2.3	2	0.0
BLAIR	1,666	26	1.6	100	6.0	829	49.8	671	40.3	40	2.4	0	-
BRADFORD	886	3	0.3	49	5.5	431	48.6	378	42.7	25	2.8	0	-
BUCKS	7,299	62	0.8	309	4.2	3,634	49.8	3,141	43.0	140	1.9	13	0.2
BUTLER	2,043	21	1.0	97	4.7	1,032	50.5	849	41.6	41	2.0	3	0.1
CAMBRIA	1,893	20	1.1	113	6.0	1,009	53.3	722	38.1	29	1.5	0	-
CAMERON	99	2	2.0	3	3.0	46	46.5	45	45.5	3	3.0	0	-
CARBON	580	5	0.9	29	5.0	314	54.1	220	37.9	12	2.1	0	-
CENTRE	1,366	20	1.5	68	5.0	697	51.0	555	40.6	25	1.8	1	0.1
CHESTER	5,118	41	0.8	223	4.4	2,467	48.2	2,262	44.2	122	2.4	3	0.1
CLARION	492	6	1.2	19	3.9	264	53.7	190	38.6	12	2.4	1	0.2
CLEARFIELD	1,128	14	1.2	66	5.9	611	54.2	425	37.7	12	1.1	0	-
CLINTON	434	3	0.7	23	5.3	216	49.8	178	41.0	13	3.0	1	0.2
COLUMBIA	730	5	0.7	37	5.1	387	53.0	285	39.0	16	2.2	0	-
CRAWFORD	1,153	12	1.0	61	5.3	563	48.8	494	42.8	22	1.9	1	0.1
CUMBERLAND	2,138	15	0.7	93	4.3	1,043	48.8	929	43.5	57	2.7	1	0.0
DAUPHIN	3,545	47	1.3	209	5.9	1,826	51.5	1,403	39.6	59	1.7	1	0.0
DELAWARE	7,986	69	0.9	409	5.1	3,979	49.8	3,332	41.7	196	2.5	1	0.0
ELK	524	8	1.5	26	5.0	252	48.1	231	44.1	7	1.3	0	-
ERIE	4,064	37	0.9	229	5.6	2,108	51.9	1,606	39.5	84	2.1	0	-
FAYETTE	1,791	14	0.8	112	6.3	945	52.8	684	38.2	36	2.0	0	-
FOREST	55	3	5.5	1	1.8	27	49.1	24	43.6	0	-	0	-
FRANKLIN	1,521	13	0.9	59	3.9	742	48.8	678	44.6	27	1.8	2	0.1
FULTON	187	0	-	3	1.6	90	48.1	91	48.7	3	1.6	0	-
GREENE	465	4	0.9	26	5.6	226	48.6	192	41.3	17	3.7	0	-
HUNTINGDON	514	3	0.6	25	4.9	284	55.3	193	37.5	9	1.8	0	-
INDIANA	1,093	17	1.6	53	4.8	544	49.8	466	42.6	12	1.1	1	0.1
JEFFERSON	617	6	1.0	41	6.6	331	53.6	233	37.8	6	1.0	0	-

(CONTINUED)

TABLE B-20
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	258	1	0.4	9	3.5	140	54.3	105	40.7	3	1.2	0	-
LACKAWANNA	2,636	21	0.8	159	6.0	1,402	53.2	1,008	38.2	46	1.7	0	-
LANCASTER	6,194	68	1.1	243	3.9	3,012	48.6	2,716	43.8	150	2.4	5	0.1
LAWRENCE	1,143	11	1.0	58	5.1	620	54.2	435	38.1	19	1.7	0	-
LEBANON	1,377	9	0.7	52	3.8	703	51.1	586	42.6	27	2.0	0	-
LEHIGH	3,626	45	1.2	199	5.5	1,862	51.4	1,453	40.1	66	1.8	1	0.0
LUZERNE	3,810	38	1.0	205	5.4	1,955	51.3	1,537	40.3	74	1.9	1	0.0
LYCOMING	1,610	14	0.9	79	4.9	824	51.2	666	41.4	27	1.7	0	-
MCKEAN	625	6	1.0	43	6.9	312	49.9	245	39.2	16	2.6	3	0.5
MERCER	1,436	10	0.7	85	5.9	773	53.8	539	37.5	27	1.9	2	0.1
MIFFLIN	579	3	0.5	29	5.0	282	48.7	248	42.8	17	2.9	0	-
MONROE	907	8	0.9	47	5.2	465	51.3	363	40.0	21	2.3	3	0.3
MONTGOMERY	9,052	89	1.0	392	4.3	4,463	49.3	3,909	43.2	195	2.2	4	0.0
MONTOUR	239	0	-	5	2.1	125	52.3	106	44.4	3	1.3	0	-
NORTHAMPTON	2,718	28	1.0	117	4.3	1,402	51.6	1,112	40.9	56	2.1	3	0.1
NORTHUMBERLAND	1,181	10	0.8	54	4.6	644	54.5	454	38.4	18	1.5	1	0.1
PERRY	547	4	0.7	20	3.7	277	50.6	238	43.5	8	1.5	0	-
PHILADELPHIA	28,040	628	2.2	2,401	8.6	16,369	58.4	8,294	29.6	327	1.2	21	0.1
PIKE	241	1	0.4	7	2.9	126	52.3	100	41.5	3	1.2	4	1.7
POTTER	238	3	1.3	8	3.4	120	50.4	102	42.9	5	2.1	0	-
SCHUYLKILL	1,709	15	0.9	84	4.9	866	50.7	711	41.6	32	1.9	1	0.1
SNYDER	516	6	1.2	29	5.6	264	51.2	206	39.9	9	1.7	2	0.4
SOMERSET	929	6	0.6	54	5.8	516	55.5	335	36.1	18	1.9	0	-
SULLIVAN	62	0	-	2	3.2	27	43.5	31	50.0	2	3.2	0	-
SUSQUEHANNA	526	8	1.5	21	4.0	283	53.8	200	38.0	14	2.7	0	-
TIOGA	505	4	0.8	28	5.5	254	50.3	207	41.0	11	2.2	1	0.2
UNION	438	7	1.6	20	4.6	210	47.9	187	42.7	14	3.2	0	-
VENANGO	790	5	0.6	52	6.6	418	52.9	297	37.6	18	2.3	0	-
WARREN	591	6	1.0	30	5.1	292	49.4	252	42.6	10	1.7	1	0.2
WASHINGTON	2,353	24	1.0	99	4.2	1,206	51.3	976	41.5	47	2.0	1	0.0
WAYNE	466	6	1.3	18	3.9	215	46.1	213	45.7	14	3.0	0	-
WESTMORELAND	4,350	45	1.0	196	4.5	2,245	51.6	1,773	40.8	86	2.0	5	0.1
WYOMING	380	7	1.8	16	4.2	203	53.4	142	37.4	11	2.9	1	0.3
YORK	4,422	47	1.1	210	4.7	2,256	51.0	1,812	41.0	97	2.2	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-21
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986

COUNTY	TOTAL BIRTHS 1982-86	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	796,507	9,920	1.2	43,465	5.5	417,820	52.5	309,737	38.9	15,094	1.9	471	0.1
ADAMS	4,969	38	0.8	233	4.7	2,594	52.2	1,997	40.2	105	2.1	2	0.0
ALLEGHENY	88,880	1,214	1.4	4,972	5.6	46,994	52.9	34,073	38.3	1,564	1.8	63	0.1
ARMSTRONG	5,070	45	0.9	255	5.0	2,664	52.5	2,018	39.8	86	1.7	2	0.0
BEAVER	12,083	143	1.2	635	5.3	6,420	53.1	4,641	38.4	242	2.0	2	0.0
BEDFORD	2,888	36	1.2	129	4.5	1,536	53.2	1,130	39.1	56	1.9	1	0.0
BERKS	20,664	216	1.0	946	4.6	10,381	50.2	8,693	42.1	420	2.0	8	0.0
BLAIR	8,565	108	1.3	394	4.6	4,478	52.3	3,403	39.7	179	2.1	3	0.0
BRADFORD	4,610	44	1.0	220	4.8	2,297	49.8	1,954	42.4	94	2.0	1	0.0
BUCKS	35,681	347	1.0	1,594	4.5	17,867	50.1	15,118	42.4	725	2.0	30	0.1
BUTLER	10,393	87	0.8	468	4.5	5,237	50.4	4,378	42.1	218	2.1	5	0.0
CAMBRIA	10,385	95	0.9	576	5.5	5,600	53.9	3,921	37.8	192	1.8	1	0.0
CAMERON	505	7	1.4	25	5.0	230	45.5	231	45.7	12	2.4	0	-
CARBON	3,036	27	0.9	170	5.6	1,658	54.6	1,115	36.7	65	2.1	1	0.0
CENTRE	6,700	61	0.9	313	4.7	3,418	51.0	2,769	41.3	134	2.0	5	0.1
CHESTER	23,973	260	1.1	987	4.1	11,882	49.6	10,260	42.8	563	2.3	21	0.1
CLARION	2,754	23	0.8	103	3.7	1,371	49.8	1,196	43.4	56	2.0	5	0.2
CLEARFIELD	5,610	67	1.2	307	5.5	2,968	52.9	2,172	38.7	96	1.7	0	-
CLINTON	2,413	23	1.0	134	5.6	1,244	51.6	968	40.1	43	1.8	1	0.0
COLUMBIA	3,745	37	1.0	177	4.7	1,967	52.5	1,501	40.1	62	1.7	1	0.0
CRAWFORD	6,259	60	1.0	284	4.5	3,181	50.8	2,573	41.1	158	2.5	3	0.0
CUMBERLAND	10,768	125	1.2	477	4.4	5,317	49.4	4,584	42.6	260	2.4	5	0.0
DAUPHIN	16,791	224	1.3	916	5.5	8,846	52.7	6,486	38.6	302	1.8	17	0.1
DELAWARE	38,781	429	1.1	1,967	5.1	19,471	50.2	16,054	41.4	848	2.2	12	0.0
ELK	2,675	30	1.1	115	4.3	1,360	50.8	1,126	42.1	44	1.6	0	-
ERIE	20,921	221	1.1	1,087	5.2	10,829	51.8	8,296	39.7	480	2.3	8	0.0
FAYETTE	9,844	85	0.9	538	5.5	5,276	53.6	3,771	38.3	171	1.7	3	0.0
FOREST	276	4	1.4	15	5.4	128	46.4	122	44.2	7	2.5	0	-
FRANKLIN	7,463	66	0.9	309	4.1	3,572	47.9	3,346	44.8	165	2.2	5	0.1
FULTON	903	2	0.2	22	2.4	452	50.1	408	45.2	19	2.1	0	-
GREENE	2,673	31	1.2	126	4.7	1,374	51.4	1,079	40.4	61	2.3	2	0.1
HUNTINGDON	2,722	15	0.6	127	4.7	1,447	53.2	1,070	39.3	63	2.3	0	-
INDIANA	5,925	66	1.1	290	4.9	3,102	52.4	2,365	39.9	100	1.7	2	0.0
JEFFERSON	3,412	30	0.9	194	5.7	1,810	53.0	1,317	38.6	60	1.8	1	0.0

(CONTINUED)

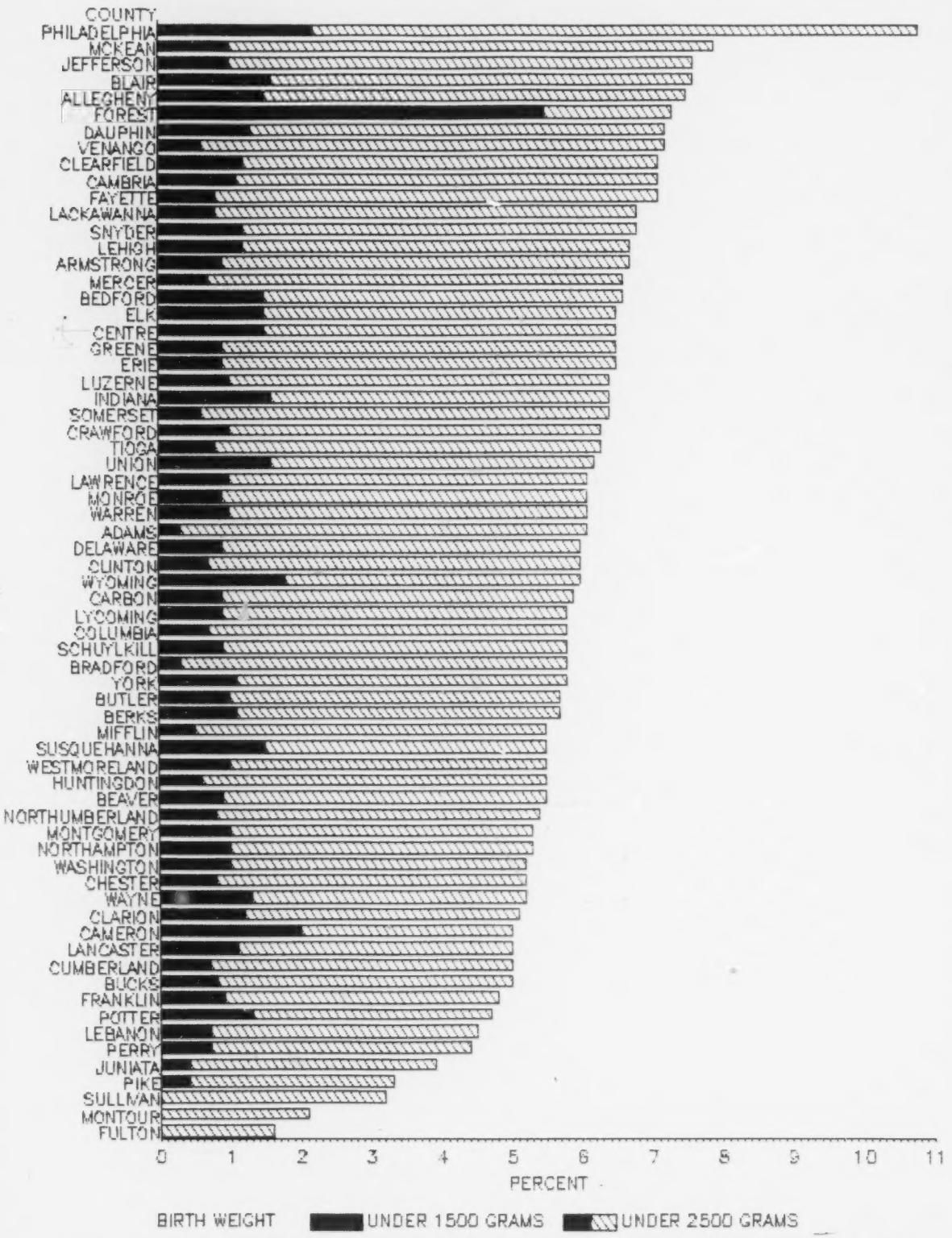
TABLE B-21
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986

COUNTY	TOTAL BIRTHS 1982-86	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	1,363	8	0.6	49	3.6	703	51.6	575	42.2	28	2.1	0	-
LACKAWANNA	13,485	130	1.0	708	5.3	7,037	52.2	5,343	39.6	264	2.0	3	0.0
LANCASTER	29,747	281	0.9	1,295	4.4	14,460	48.6	12,935	43.5	761	2.6	15	0.1
LAWRENCE	6,300	55	0.9	318	5.0	3,327	52.8	2,500	39.7	100	1.6	0	-
LEBANON	7,219	68	0.9	290	4.0	3,610	50.0	3,087	42.8	161	2.2	3	0.0
LEHIGH	17,688	205	1.2	880	5.0	9,097	51.4	7,154	40.4	346	2.0	6	0.0
LUZERNE	18,824	180	1.0	910	4.8	9,643	51.2	7,726	41.0	362	1.9	3	0.0
LYCOMING	8,294	73	0.9	404	4.9	4,237	51.1	3,426	41.3	152	1.8	2	0.0
MCKEAN	3,224	27	0.8	194	6.0	1,665	51.6	1,237	38.4	91	2.8	10	0.3
MERCER	7,615	46	0.6	380	5.0	3,956	52.0	3,061	40.2	166	2.2	6	0.1
MIFFLIN	3,141	21	0.7	133	4.2	1,585	50.5	1,314	41.8	85	2.7	3	0.1
MONROE	4,577	36	0.8	246	5.4	2,346	51.3	1,829	40.0	105	2.3	15	0.3
MONTGOMERY	43,196	479	1.1	1,924	4.5	21,652	50.1	18,204	42.1	917	2.1	20	0.0
MONTOUR	1,220	7	0.6	60	4.9	637	52.2	504	41.3	12	1.0	0	-
NORTHAMPTON	13,669	150	1.1	672	4.9	7,128	52.1	5,471	40.0	239	1.7	9	0.1
NORTHUMBERLAND	6,097	53	0.9	302	5.0	3,300	54.1	2,344	38.4	92	1.5	6	0.1
PERRY	2,640	22	0.8	133	5.0	1,328	50.3	1,111	42.1	46	1.7	0	-
PHILADELPHIA	130,701	2,801	2.1	10,872	8.3	76,388	58.4	38,948	29.8	1,592	1.2	100	0.1
PIKE	1,138	8	0.7	52	4.6	574	50.4	470	41.3	19	1.7	15	1.3
POTTER	1,342	5	0.4	55	4.1	687	51.2	562	41.9	33	2.5	0	-
SCHUYLKILL	8,879	93	1.0	461	5.2	4,761	53.6	3,410	38.4	152	1.7	2	0.0
SNYDER	2,494	16	0.6	116	4.7	1,260	50.5	1,042	41.8	56	2.2	4	0.2
SOMERSET	5,256	55	1.0	293	5.6	2,824	53.7	1,992	37.9	92	1.8	0	-
SULLIVAN	329	3	0.9	7	2.1	158	48.0	149	45.3	12	3.6	0	-
SUSQUEHANNA	2,775	32	1.2	127	4.6	1,400	50.5	1,152	41.5	62	2.2	2	0.1
TIOGA	2,690	28	1.0	141	5.2	1,338	49.7	1,101	40.9	79	2.9	3	0.1
UNION	2,178	19	0.9	92	4.2	1,078	49.5	933	42.8	55	2.5	1	0.0
VENANGO	4,208	42	1.0	203	4.8	2,076	49.3	1,778	42.3	108	2.6	1	0.0
WARREN	3,156	31	1.0	148	4.7	1,591	50.4	1,315	41.7	70	2.2	1	0.0
WASHINGTON	12,628	156	1.2	584	4.6	6,479	51.3	5,174	41.0	230	1.8	5	0.0
WAYNE	2,403	20	0.8	105	4.4	1,174	48.9	1,035	43.1	67	2.8	2	0.1
WESTMORELAND	22,420	229	1.0	1,077	4.8	11,544	51.5	9,163	40.9	396	1.8	11	0.0
WYOMING	1,982	24	1.2	96	4.8	1,041	52.5	776	39.2	43	2.2	2	0.1
YORK	21,292	251	1.2	1,033	4.9	10,765	50.6	8,781	41.2	451	2.1	11	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

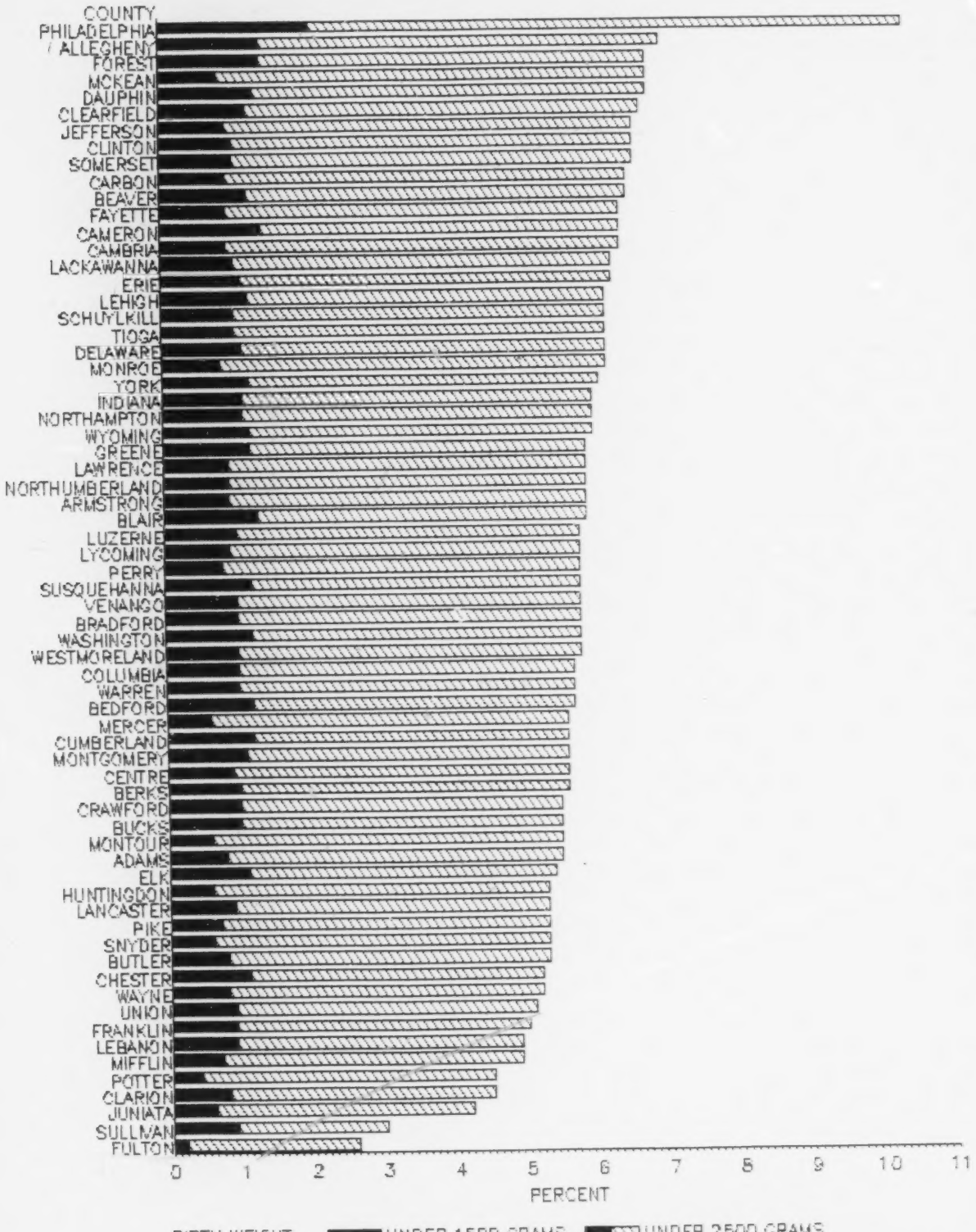
NOTE: VERY LOW BIRTH WEIGHT IS DEFINED AS 1499 GRAMS AND LESS.
LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

FIGURE B-7
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY COUNTY, PENNSYLVANIA, 1986



NOTE: THE STATE PERCENTAGES FOR VERY LOW BIRTH WEIGHT (UNDER 1500 GRAMS) AND LOW BIRTH WEIGHT (UNDER 2500 GRAMS) ARE 1.3 AND 6.9 PERCENT, RESPECTIVELY.

FIGURE 8-8
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY COUNTY: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986



NOTE: THE STATE PERCENTAGES FOR VERY LOW BIRTH WEIGHT (UNDER 1500 GRAMS) AND LOW BIRTH WEIGHT (UNDER 2500 GRAMS) ARE 1.2 AND 6.7 PERCENT, RESPECTIVELY.

TABLE B-22
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	160,336	4,293	2.7	23,014	14.4	76,747	47.9	26,351	16.4	28,082	17.5	1,849	1.2
ADAMS	1,000	25	2.5	147	14.7	541	54.1	133	13.3	150	15.0	4	0.4
ALLEGHENY	17,553	148	0.8	1,807	10.3	8,068	46.0	3,284	18.7	4,129	23.5	117	0.7
ARMSTRONG	961	23	2.4	148	15.4	583	60.7	125	13.0	81	8.4	1	0.1
BEAVER	2,241	29	1.3	273	12.2	1,175	52.4	458	20.4	288	12.9	18	0.8
BEDFORD	551	19	3.4	69	12.5	345	62.6	68	12.3	45	8.2	5	0.9
BERKS	4,149	154	3.7	676	16.3	1,939	46.7	740	17.8	632	15.2	8	0.2
BLAIR	1,666	34	2.0	235	14.1	1,001	60.1	238	14.3	153	9.2	5	0.3
BRADFORD	886	26	2.9	172	19.4	448	50.6	145	16.4	94	10.6	1	0.1
BUCKS	7,299	38	0.5	518	7.1	3,573	49.0	1,456	19.9	1,668	22.9	46	0.6
BUTLER	2,043	10	0.5	208	10.2	1,117	54.7	372	18.2	334	16.3	2	0.1
CAMBRIA	1,893	15	0.8	212	11.2	1,125	59.4	337	17.8	203	10.7	1	0.1
CAMERON	99	3	3.0	15	15.2	52	52.5	20	20.2	7	7.1	2	2.0
CARBON	580	16	2.8	90	15.5	327	56.4	102	17.6	43	7.4	2	0.3
CENTRE	1,366	25	1.8	102	7.5	572	41.9	229	16.8	425	31.1	13	1.0
CHESTER	5,118	132	2.6	332	6.5	1,690	33.0	839	16.4	1,515	29.6	610	11.9
CLARION	492	17	3.5	64	13.0	276	56.1	75	15.2	58	11.8	2	0.4
CLEARFIELD	1,128	18	1.6	161	14.3	663	58.8	184	16.3	102	9.0	0	-
CLINTON	434	19	4.4	81	18.7	215	49.5	56	12.9	62	14.3	1	0.2
COLUMBIA	730	16	2.2	102	14.0	386	52.9	118	16.2	107	14.7	1	0.1
CRAWFORD	1,153	102	8.8	148	12.8	607	52.6	138	12.0	155	13.4	3	0.3
CUMBERLAND	2,138	60	2.8	178	8.3	984	46.0	361	16.9	544	25.4	11	0.5
DAUPHIN	3,545	84	2.4	588	16.6	1,562	44.1	537	15.1	696	19.6	78	2.2
DELAWARE	7,986	92	1.2	709	8.9	3,839	48.1	1,338	16.8	1,981	24.8	27	0.3
ELK	524	6	1.1	61	11.6	290	55.3	100	19.1	67	12.8	0	-
ERIE	4,064	87	2.1	638	15.7	2,043	50.3	610	15.0	681	16.8	5	0.1
FAYETTE	1,791	65	3.6	365	20.4	975	54.4	226	12.6	159	8.9	1	0.1
FOREST	55	2	3.6	8	14.5	28	50.9	11	20.0	6	10.9	0	-
FRANKLIN	1,521	53	3.5	276	18.1	803	52.8	214	14.1	172	11.3	3	0.2
FULTON	187	7	3.7	39	20.9	103	55.1	19	10.2	18	9.6	1	0.5
GREENE	465	11	2.4	94	20.2	231	49.7	67	14.4	61	13.1	1	0.2
HUNTINGDON	514	9	1.8	81	15.8	306	59.5	76	14.8	42	8.2	0	-
INDIANA	1,093	57	5.2	127	11.6	585	53.5	124	11.3	195	17.8	5	0.5
JEFFERSON	617	9	1.5	96	15.6	377	61.1	79	12.8	56	9.1	0	-

(CONTINUED)

TABLE B-22
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	258	9	3.5	43	16.7	154	59.7	30	11.6	22	8.5	0	-
LACKAWANNA	2,636	38	1.4	356	13.5	1,221	46.3	550	20.9	469	17.8	2	0.1
LANCASTER	6,194	968	15.6	963	15.5	2,599	42.0	782	12.6	870	14.0	12	0.2
LAWRENCE	1,143	52	4.5	155	13.6	627	54.9	196	17.1	108	9.4	5	0.4
LEBANON	1,377	56	4.1	229	16.6	728	52.9	198	14.4	162	11.8	4	0.3
LEHIGH	3,626	84	2.3	471	13.0	1,616	44.6	680	18.8	754	20.8	21	0.6
LUZERNE	3,810	51	1.3	454	11.9	1,951	51.2	787	20.7	561	14.7	6	0.2
LYCOMING	1,610	40	2.5	266	16.5	799	49.6	312	19.4	192	11.9	1	0.1
MCKEAN	625	5	0.8	99	15.8	353	56.5	111	17.8	51	8.2	6	1.0
MERCER	1,436	61	4.2	213	14.8	734	51.1	240	16.7	184	12.8	4	0.3
MIFFLIN	579	86	14.9	93	16.1	292	50.4	50	8.6	58	10.0	0	-
MONROE	907	7	0.8	92	10.1	443	48.8	182	20.1	173	19.1	10	1.1
MONTGOMERY	9,052	45	0.5	610	6.7	3,539	39.1	1,733	19.1	3,086	34.1	39	0.4
MONTOUR	239	11	4.6	26	10.9	114	47.7	37	15.5	50	20.9	1	0.4
NORTHAMPTON	2,718	63	2.3	355	13.1	1,280	47.1	523	19.2	484	17.8	13	0.5
NORTHUMBERLAND	1,181	33	2.8	208	17.6	654	55.4	172	14.6	114	9.7	0	-
PERRY	547	18	3.3	80	14.6	322	58.9	65	11.9	56	10.2	6	1.1
PHILADELPHIA	28,040	842	3.0	7,049	25.1	12,440	44.4	3,824	13.6	3,178	11.3	707	2.5
PIKE	241	1	0.4	19	7.9	130	53.9	48	19.9	37	15.4	6	2.5
POTTER	238	4	1.7	39	16.4	114	47.9	47	19.7	26	10.9	8	3.4
SCHUYLKILL	1,709	35	2.0	291	17.0	906	53.0	316	18.5	160	9.4	1	0.1
SNYDER	516	75	14.5	68	13.2	278	53.9	52	10.1	43	8.3	0	-
SOMERSET	929	34	3.7	122	13.1	524	56.4	164	17.7	84	9.0	1	0.1
SULLIVAN	62	1	1.6	7	11.3	35	56.5	11	17.7	8	12.9	0	-
SUSQUEHANNA	526	6	1.1	85	16.2	290	55.1	93	17.7	52	9.9	0	-
TIOGA	505	8	1.6	101	20.0	250	49.5	82	16.2	63	12.5	1	0.2
UNION	438	50	11.4	64	14.6	201	45.9	60	13.7	63	14.4	0	-
VENANGO	790	14	1.8	112	14.2	466	59.0	104	13.2	94	11.9	0	-
WARREN	591	19	3.2	81	13.7	318	53.8	109	18.4	61	10.3	3	0.5
WASHINGTON	2,353	22	0.9	309	13.1	1,262	53.6	366	15.6	394	16.7	0	-
WAYNE	466	3	0.6	52	11.2	268	57.5	83	17.8	60	12.9	0	-
WESTMORELAND	4,350	49	1.1	383	8.8	2,391	55.0	753	17.3	766	17.6	8	0.2
WYOMING	380	2	0.5	60	15.8	209	55.0	63	16.6	45	11.8	1	0.3
YORK	4,422	90	2.0	639	14.5	2,410	54.5	649	14.7	625	14.1	9	0.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-23
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
ALL COUNTIES	160,336	120,033	74.9	5,198	4.3	114,805	95.6	39,098	24.4	12,876	32.9	26,179	67.0
ADAMS	1,000	844	84.4	52	6.2	791	93.7	140	14.0	50	35.7	90	64.3
ALLEGHENY	17,553	13,302	75.8	327	2.5	12,973	97.5	4,234	24.1	1,273	30.1	2,960	69.9
ARMSTRONG	961	827	86.1	63	7.6	764	92.4	134	13.9	64	47.8	70	52.2
BEAVER	2,241	1,783	79.6	79	4.4	1,704	95.6	446	19.9	154	34.5	292	65.5
BEDFORD	551	443	80.4	40	9.0	403	91.0	64	11.6	33	51.6	31	48.4
BERKS	4,149	3,229	77.8	145	4.5	3,084	95.5	917	22.1	322	35.1	595	64.9
BLAIR	1,666	1,286	77.2	99	7.7	1,187	92.3	379	22.7	150	39.6	229	60.4
BRADFORD	886	630	71.1	63	10.0	567	90.0	189	21.3	59	31.2	130	68.8
BUCKS	7,299	6,322	86.6	165	2.6	6,156	97.4	965	13.2	277	28.7	688	71.3
BUTLER	2,043	1,793	87.8	81	4.5	1,712	95.5	250	12.2	90	36.0	160	64.0
CAMBRIA	1,893	1,567	82.8	84	5.4	1,483	94.6	323	17.1	130	40.2	193	59.8
CAMERON	99	71	71.7	2	2.8	69	97.2	28	28.3	12	42.9	16	57.1
CARBON	580	455	78.4	30	6.6	425	93.4	124	21.4	42	33.9	82	66.1
CENTRE	1,366	1,185	86.7	53	4.5	1,132	95.5	176	12.9	70	39.8	106	60.2
CHESTER	5,118	4,334	84.7	90	2.1	4,243	97.9	771	15.1	237	30.7	533	69.1
CLARION	492	428	87.0	21	4.9	407	95.1	64	13.0	24	37.5	40	62.5
CLEARFIELD	1,128	926	82.1	67	7.2	859	92.8	201	17.8	77	38.3	124	61.7
CLINTON	434	345	79.5	26	7.5	319	92.5	89	20.5	31	34.8	58	65.2
COLUMBIA	730	603	82.6	41	6.8	562	93.2	126	17.3	43	34.1	83	65.9
CRAWFORD	1,153	962	83.4	65	6.8	897	93.2	182	15.8	56	30.8	125	68.7
CUMBERLAND	2,138	1,878	87.8	58	3.1	1,817	96.8	258	12.1	89	34.5	169	65.5
DAUPHIN	3,545	2,437	68.7	93	3.8	2,341	96.1	1,107	31.2	398	36.0	707	63.9
DELAWARE	7,986	6,375	79.8	155	2.4	6,220	97.6	1,607	20.1	534	33.2	1,073	66.8
ELK	524	444	84.7	15	3.4	429	96.6	79	15.1	41	51.9	38	48.1
ERIE	4,064	3,012	74.1	152	5.0	2,860	95.0	1,031	25.4	384	37.2	647	62.8
FAYETTE	1,791	1,353	75.5	124	9.2	1,229	90.8	436	24.3	172	39.4	264	60.6
FOREST	55	47	85.5	5	10.6	42	89.4	8	14.5	2	25.0	6	75.0
FRANKLIN	1,521	1,174	77.2	89	7.6	1,084	92.3	245	16.1	102	41.6	143	58.4
FULTON	187	133	71.1	19	14.3	114	85.7	36	19.3	11	30.6	25	69.4
GREENE	465	382	82.2	45	11.8	337	88.2	81	17.4	29	35.8	52	64.2
HUNTINGDON	514	422	82.1	39	9.2	383	90.8	92	17.9	35	38.0	57	62.0
INDIANA	1,093	953	87.2	64	6.7	889	93.3	139	12.7	57	41.0	82	59.0
JEFFERSON	617	530	85.9	56	10.6	474	89.4	87	14.1	33	37.9	54	62.1

(CONTINUED)

TABLE B-23
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
JUNIATA	258	216	83.7	16	7.4	200	92.6	42	16.3	15	35.7	27	64.3
LACKAWANNA	2,636	2,190	83.1	84	3.8	2,106	96.2	442	16.8	153	34.6	289	65.4
LANCASTER	6,194	5,132	82.9	167	3.3	4,964	96.7	1,059	17.1	383	36.2	676	63.8
LAWRENCE	1,143	888	77.7	56	6.3	832	93.7	198	17.3	63	31.8	135	68.2
LEBANON	1,377	1,124	81.6	59	5.2	1,065	94.8	252	18.3	94	37.3	158	62.7
LEHIGH	3,626	2,928	80.8	98	3.3	2,830	96.7	694	19.1	230	33.1	464	66.9
LUZERNE	3,810	3,091	81.1	150	4.9	2,941	95.1	713	18.7	272	38.1	441	61.9
LYCOMING	1,610	1,269	78.8	88	6.9	1,181	93.1	339	21.1	130	38.3	209	61.7
MCKEAN	625	409	65.4	34	8.3	375	91.7	127	20.3	46	36.2	81	63.8
MERCER	1,436	1,104	76.9	63	5.7	1,041	94.3	291	20.3	95	32.6	196	67.4
MIFFLIN	579	470	81.2	35	7.4	435	92.6	108	18.7	43	39.8	65	60.2
MONROE	907	775	85.4	28	3.6	747	96.4	126	13.9	40	31.7	86	68.3
MONTGOMERY	9,052	7,898	87.3	151	1.9	7,746	98.1	1,143	12.6	356	31.1	786	68.8
MONTOUR	239	213	89.1	10	4.7	203	95.3	26	10.9	4	15.4	22	84.6
NORTHAMPTON	2,718	2,195	80.8	85	3.9	2,110	96.1	521	19.2	187	35.9	334	64.1
NORTHUMBERLAND	1,181	964	81.6	88	9.1	875	90.8	217	18.4	81	37.3	136	62.7
PERRY	547	474	86.7	28	5.9	446	94.1	72	13.2	23	31.9	49	68.1
PHILADELPHIA	28,040	13,360	47.6	522	3.9	12,827	96.0	14,654	52.3	4,496	30.7	10,121	69.1
PIKE	241	154	63.9	6	3.9	148	96.1	20	8.3	3	15.0	17	85.0
POTTER	238	167	70.2	15	9.0	152	91.0	38	16.0	10	26.3	28	73.7
SCHUYLKILL	1,709	1,378	80.6	108	7.8	1,270	92.2	330	19.3	126	38.2	204	61.8
SNYDER	516	465	90.1	48	10.3	416	89.5	51	9.9	16	31.4	35	68.6
SOMERSET	929	783	84.3	65	8.3	718	91.7	119	12.8	44	37.0	75	63.0
SULLIVAN	62	42	67.7	6	14.3	36	85.7	20	32.3	7	35.0	13	65.0
SUSQUEHANNA	526	288	54.8	21	7.3	267	92.7	77	14.6	31	40.3	46	59.7
TIOGA	505	350	69.3	32	9.1	318	90.9	94	18.6	41	43.6	53	56.4
UNION	438	379	86.5	37	9.8	341	90.0	59	13.5	22	37.3	37	62.7
VENANGO	790	640	81.0	51	8.0	589	92.0	150	19.0	46	30.7	104	69.3
WARREN	591	441	74.6	31	7.0	409	92.7	98	16.6	34	34.7	64	65.3
WASHINGTON	2,353	1,942	82.5	106	5.5	1,835	94.5	409	17.4	139	34.0	270	66.0
WAYNE	466	389	83.5	21	5.4	368	94.6	67	14.4	21	31.3	46	68.7
WESTMORELAND	4,350	3,766	86.6	175	4.6	3,591	95.4	582	13.4	212	36.4	370	63.6
WYOMING	380	320	84.2	26	8.1	294	91.9	58	15.3	24	41.4	34	58.6
YORK	4,422	3,354	75.8	181	5.4	3,173	94.6	894	20.2	308	34.5	586	65.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH COUNTY.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH COUNTY.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

TABLE B-24
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	160,336	121,044	75.5	25,908	16.2	5,993	3.7	5,765	3.6	1,626	1.0
ADAMS	1,000	815	81.5	155	15.5	20	2.0	4	0.4	6	0.6
ALLEGHENY	17,553	14,333	81.7	2,351	13.4	450	2.6	269	1.5	150	0.9
ARMSTRONG	961	752	78.3	169	17.6	26	2.7	11	1.1	3	0.3
BEAVER	2,241	1,827	81.5	338	15.1	57	2.5	10	0.4	9	0.4
BEDFORD	551	283	51.4	91	16.5	26	4.7	149	27.0	2	0.4
BERKS	4,149	3,186	76.8	765	18.4	145	3.5	22	0.5	31	0.7
BLAIR	1,666	1,349	81.0	247	14.8	40	2.4	10	0.6	20	1.2
BRADFORD	886	647	73.0	182	20.5	45	5.1	5	0.6	7	0.8
BUCKS	7,299	6,062	83.1	715	9.8	228	3.1	254	3.5	40	0.5
BUTLER	2,043	1,639	80.2	283	13.9	60	2.9	47	2.3	14	0.7
CAMBRIA	1,893	1,537	81.2	286	15.1	56	3.0	3	0.2	11	0.6
CAMERON	99	79	79.8	14	14.1	4	4.0	2	2.0	0	-
CARBON	580	434	74.8	114	19.7	21	3.6	6	1.0	5	0.9
CENTRE	1,366	1,048	76.7	246	18.0	55	4.0	5	0.4	12	0.9
CHESTER	5,118	3,988	77.9	858	16.8	156	3.0	64	1.3	52	1.0
CLARION	492	401	81.5	71	14.4	14	2.8	3	0.6	3	0.6
CLEARFIELD	1,128	950	84.2	148	13.1	22	2.0	1	0.1	7	0.6
CLINTON	434	346	79.7	77	17.7	7	1.6	2	0.5	2	0.5
COLUMBIA	730	575	78.8	121	16.6	21	2.9	7	1.0	6	0.8
CRAWFORD	1,153	878	76.1	196	17.0	58	5.0	9	0.8	12	1.0
CUMBERLAND	2,138	1,743	81.5	315	14.7	58	2.7	13	0.6	9	0.4
DAUPHIN	3,545	2,596	73.2	696	19.6	192	5.4	27	0.8	34	1.0
DELAWARE	7,986	6,495	81.3	1,036	13.0	236	3.0	179	2.2	40	0.5
ELK	524	458	87.4	52	9.9	11	2.1	0	-	3	0.6
ERIE	4,064	3,087	76.0	591	14.5	137	3.4	225	5.5	24	0.6
FAYETTE	1,791	1,373	76.7	343	19.2	63	3.5	6	0.3	6	0.3
FOREST	55	41	74.5	12	21.8	0	-	1	1.8	1	1.8
FRANKLIN	1,521	1,145	75.3	306	20.1	60	3.9	7	0.5	3	0.2
FULTON	187	139	74.3	41	21.9	5	2.7	2	1.1	0	-
GREENE	465	364	78.3	82	17.6	11	2.4	2	0.4	6	1.3
HUNTINGDON	514	392	76.3	101	19.6	10	1.9	8	1.6	3	0.6
INDIANA	1,093	926	84.7	135	12.4	21	1.9	4	0.4	7	0.6
JEFFERSON	617	510	82.7	85	13.8	16	2.6	3	0.5	3	0.5

(CONTINUED)

TABLE B-24
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	258	209	81.0	42	16.3	6	2.3	0	-	1	0.4
LACKAWANNA	2,636	2,220	84.2	330	12.5	59	2.2	5	0.2	22	0.8
LANCASTER	6,194	4,754	76.8	1,148	18.5	230	3.7	31	0.5	31	0.5
LAWRENCE	1,143	963	84.3	114	10.0	32	2.8	31	2.7	3	0.3
LEBANON	1,377	1,083	78.6	231	16.8	37	2.7	9	0.7	17	1.2
LEHIGH	3,626	3,028	83.5	419	11.6	122	3.4	37	1.0	20	0.6
LUZERNE	3,810	3,184	83.6	479	12.6	103	2.7	23	0.6	21	0.6
LYCOMING	1,610	1,157	71.9	406	25.2	34	2.1	2	0.1	11	0.7
MCKEAN	625	429	68.6	155	24.8	21	3.4	14	2.2	6	1.0
MERCER	1,436	1,118	77.9	225	15.7	64	4.5	12	0.8	17	1.2
MIFFLIN	579	460	79.4	71	12.3	40	6.9	6	1.0	2	0.3
MONROE	907	689	76.0	151	16.6	45	5.0	16	1.8	6	0.7
MONTGOMERY	9,052	7,464	82.5	1,036	11.4	228	2.5	272	3.0	52	0.6
MONTOUR	239	184	77.0	33	13.8	21	8.8	1	0.4	0	-
NORTHAMPTON	2,718	2,320	85.4	288	10.6	58	2.1	32	1.2	20	0.7
NORTHUMBERLAND	1,181	860	72.8	259	21.9	48	4.1	5	0.4	9	0.8
PERRY	547	409	74.8	107	19.6	26	4.8	4	0.7	1	0.2
PHILADELPHIA	28,040	15,275	54.5	6,315	22.5	1,953	7.0	3,752	13.4	745	2.7
PIKE	241	185	76.8	41	17.0	7	2.9	5	2.1	3	1.2
POTTER	238	184	77.3	42	17.6	5	2.1	6	2.5	1	0.4
SCHUYLKILL	1,709	1,393	81.5	252	14.7	41	2.4	9	0.5	14	0.8
SNYDER	516	378	73.3	92	17.8	40	7.8	4	0.8	2	0.4
SOMERSET	929	738	79.4	149	16.0	28	3.0	8	0.9	6	0.6
SULLIVAN	62	38	61.3	21	33.9	3	4.8	0	-	0	-
SUSQUEHANNA	526	393	74.7	107	20.3	20	3.8	3	0.6	3	0.6
TIOGA	505	377	74.7	104	20.6	17	3.4	6	1.2	1	0.2
UNION	438	338	77.2	85	19.4	12	2.7	3	0.7	0	-
VENANGO	790	689	87.2	82	10.4	16	2.0	1	0.1	2	0.3
WARREN	591	471	79.7	82	13.9	26	4.4	8	1.4	4	0.7
WASHINGTON	2,353	1,797	76.4	428	18.2	90	3.8	17	0.7	21	0.9
WAYNE	466	370	79.4	76	16.3	15	3.2	2	0.4	3	0.6
WESTMORELAND	4,350	3,583	82.4	612	14.1	86	2.0	43	1.0	26	0.6
WYOMING	380	292	76.8	72	18.9	12	3.2	3	0.8	1	0.3
YORK	4,422	3,614	81.7	632	14.3	117	2.6	35	0.8	24	0.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-25
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY, PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL COUNTIES	160,336	154,804	3,045	139	123	845	1,080	244	56
ADAMS	1,000	988	3	1	0	0	7	1	0
ALLEGHENY	17,553	17,354	141	7	8	27	3	12	1
ARMSTRONG	961	954	3	0	0	1	0	1	2
BEAVER	2,241	2,223	0	4	3	11	0	0	0
BEDFORD	551	534	6	0	0	1	9	1	0
BERKS	4,149	3,823	207	0	8	81	27	1	2
BLAIR	1,666	1,658	2	0	0	1	1	4	0
BRADFORD	886	748	130	0	0	2	0	5	1
BUCKS	7,299	7,159	71	4	1	14	42	7	1
BUTLER	2,043	2,034	1	2	1	0	2	3	0
CAMBRIA	1,893	1,879	12	0	0	1	0	1	0
CAMERON	99	97	0	0	0	1	0	1	0
CARBON	580	571	2	0	1	1	4	0	1
CENTRE	1,366	1,303	32	5	4	0	22	0	0
CHESTER	5,118	4,849	137	6	2	47	73	3	1
CLARION	492	479	6	0	0	0	4	3	0
CLEARFIELD	1,128	1,125	0	1	0	1	0	1	0
CLINTON	434	294	121	0	0	2	17	0	0
COLUMBIA	730	725	1	0	0	0	2	2	0
CRAWFORD	1,153	1,119	3	0	0	2	22	5	2
CUMBERLAND	2,138	2,049	25	1	3	2	51	7	0
DAUPHIN	3,545	3,402	73	2	45	6	12	5	0
DELAWARE	7,986	7,829	121	0	1	4	26	5	0
ELK	524	523	0	0	0	1	0	0	0
ERIE	4,064	4,049	2	1	0	4	0	7	1
FAYETTE	1,791	1,787	3	0	0	0	0	1	0
FOREST	55	54	0	0	0	0	1	0	0
FRANKLIN	1,521	1,458	7	1	0	1	51	3	0
FULTON	187	186	1	0	0	0	0	0	0
GREENE	465	462	1	0	0	0	0	1	1
HUNTINGDON	514	393	117	0	0	0	4	0	0
INDIANA	1,093	1,059	0	0	0	1	1	32	0
JEFFERSON	617	585	30	1	0	1	0	0	0

(CONTINUED)

TABLE B-25
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY, PENNSYLVANIA, 1986

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
JUNIATA	258	213	34	0	1	0	9	0	1
LACKAWANNA	2,636	2,580	51	1	0	4	0	0	0
LANCASTER	6,194	5,501	7	1	0	402	254	25	4
LAWRENCE	1,143	1,127	0	0	0	1	9	3	3
LEBANON	1,377	1,306	1	4	0	40	4	7	15
LEHIGH	3,626	3,564	1	2	8	11	40	0	0
LUZERNE	3,810	3,651	132	9	2	11	1	2	2
LYCOMING	1,610	1,425	177	2	0	2	4	0	0
MCKEAN	625	624	0	0	0	1	0	0	0
MERCER	1,436	1,403	1	5	0	0	17	8	2
MIFFLIN	579	407	106	0	0	1	58	7	0
MONROE	907	869	6	0	1	7	19	5	0
MONTGOMERY	9,052	8,874	100	1	6	17	48	5	1
MONTOUR	239	230	0	0	0	0	9	0	0
NORTHAMPTON	2,718	2,676	3	1	1	10	24	3	0
NORTHUMBERLAND	1,181	1,164	5	1	0	4	7	0	0
PERRY	547	493	25	1	9	1	16	2	0
PHILADELPHIA	28,040	26,880	955	69	10	52	29	40	5
PIKE	241	205	34	0	0	1	1	0	0
POTTER	238	234	2	1	0	0	0	1	0
SCHUYLKILL	1,709	1,682	5	1	2	19	0	0	0
SNYDER	516	441	7	0	0	2	63	1	2
SOMERSET	929	904	7	1	0	12	1	3	1
SULLIVAN	62	55	7	0	0	0	0	0	0
SUSQUEHANNA	526	503	22	0	0	0	1	0	0
TIOGA	505	488	12	0	0	2	0	3	0
UNION	438	406	0	0	0	0	31	1	0
VENANGO	790	781	0	1	0	3	3	1	1
WARREN	591	573	1	1	0	0	9	5	2
WASHINGTON	2,353	2,343	2	0	3	3	2	0	0
WAYNE	466	404	59	0	0	2	0	1	0
WESTMORELAND	4,350	4,330	9	0	1	8	0	1	1
WYOMING	380	373	3	0	0	3	0	1	0
YORK	4,422	4,343	13	1	2	13	40	7	3

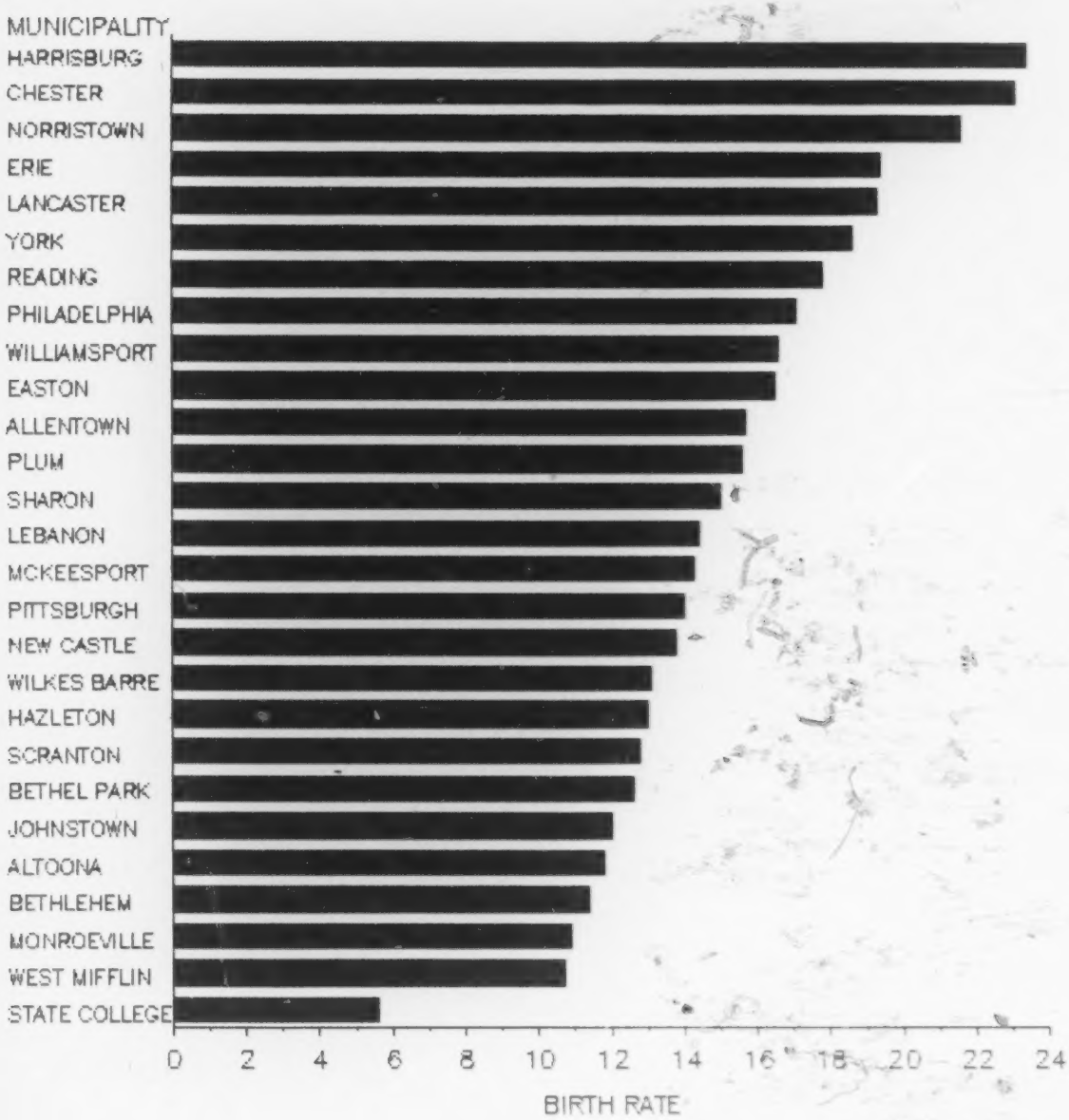
TABLE B-26
RESIDENT LIVE BIRTHS BY SEX, RACE AND SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1986

MUNICIPALITY	TOTAL BIRTHS	RATE*	WHITE**			ALL OTHER		
			TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
STATE TOTAL	160,336	13.5	134,490	69,258	65,232	25,846	13,210	12,636
ALLENTOWN	1,634	15.7	1,469	753	716	165	95	70
ALTOONA	629	11.8	608	317	291	21	15	6
BETHEL PARK	429	12.6	416	192	224	13	4	9
BETHLEHEM	801	11.4	744	391	353	57	30	27
CHESTER	1,008	23.1	256	123	133	752	379	373
EASTON	439	16.5	356	188	168	83	38	45
ERIE	2,240	19.4	1,828	918	910	412	196	216
HARRISBURG	1,205	23.4	453	235	218	752	384	368
HAZLETON	328	13.0	324	164	160	4	4	0
JOHNSTOWN	382	12.0	326	173	153	56	29	27
LANCASTER	1,102	19.3	858	450	408	244	127	117
LEBANON	380	14.4	367	175	192	13	8	5
MCKEESPORT	390	14.3	297	165	132	93	46	47
MONROEVILLE	324	10.9	274	138	136	50	22	28
NEW CASTLE	424	13.8	363	181	182	61	28	33
NORRISTOWN	729	21.6	459	253	206	270	137	133
PHILADELPHIA	28,040	17.1	13,081	6,722	6,359	14,959	7,661	7,298
PITTSBURGH	5,417	14.0	3,120	1,614	1,506	2,297	1,193	1,104
PLUM	393	15.6	376	192	184	17	10	7
READING	1,385	17.8	1,194	626	568	191	101	90
SCRANTON	1,055	12.8	989	495	494	66	34	32
SHARON	242	15.0	207	106	101	35	16	19
STATE COLLEGE	191	5.6	154	89	65	37	14	23
WEST MIFFLIN	264	10.7	232	126	106	32	17	15
WILKES BARRE	627	13.1	595	289	306	32	18	14
WILLIAMSPORT	526	16.6	480	234	246	46	29	17
YORK	825	18.6	528	268	260	297	144	153
ALL OTHER AREAS	108,927	12.5	104,136	53,681	50,455	4,791	2,431	2,360

* RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE B-9
RESIDENT LIVE BIRTH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1986



NOTE: RATE PER 1,000 POPULATION. SEE TABLE B-26 FOR CORRESPONDING DATA.

TABLE B-27
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1986

MUNICIPALITY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
STATE TOTAL	160,336	356	17,795	43,429	54,230	33,621	9,640	1,145	40	80
ALLENTOWN	1,634	4	208	486	567	288	70	11	0	0
ALTOONA	629	1	105	201	193	103	23	3	0	0
BETHEL PARK	429	0	13	42	177	149	45	3	0	0
BETHLEHEM	801	4	104	219	242	185	39	8	0	0
CHESTER	1,008	12	237	340	260	118	38	3	0	0
EASTON	439	2	71	141	131	72	20	2	0	0
ERIE	2,240	9	342	609	731	426	116	7	0	0
HARRISBURG	1,205	6	301	383	298	167	40	8	0	2
HAZLETON	328	0	39	94	118	60	11	6	0	0
JOHNSTOWN	382	0	70	131	113	52	14	2	0	0
LANCASTER	1,102	6	227	381	290	156	34	8	0	0
LEBANON	380	2	60	140	108	55	12	2	1	0
MCKEESPORT	390	2	65	129	119	58	13	4	0	0
MONROEVILLE	324	0	15	54	124	102	24	4	1	0
NEW CASTLE	424	2	67	134	131	71	15	3	1	0
NORRISTOWN	729	1	113	204	246	130	33	2	0	0
PHILADELPHIA	28,040	159	4,865	8,527	8,161	4,603	1,472	197	7	49
PITTSBURGH	5,417	29	783	1,503	1,669	1,036	350	45	0	2
PLUM	393	0	9	69	184	96	34	1	0	0
READING	1,385	7	264	495	386	173	52	8	0	0
SCRANTON	1,055	1	109	318	342	204	77	3	1	0
SHARON	242	0	38	81	75	34	13	1	0	0
STATE COLLEGE	191	0	4	47	65	52	20	3	0	0
WEST MIFFLIN	264	1	10	58	111	65	17	2	0	0
WILKES BARRE	627	1	88	185	215	106	27	5	0	0
WILLIAMSPORT	526	1	82	170	150	93	27	3	0	0
YORK	825	3	181	306	215	83	26	9	0	2
ALL OTHER AREAS	108,927	103	9,325	27,982	38,809	24,884	6,978	792	29	25

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-28
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SELECTED MUNICIPALITIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1986

MUNICIPALITY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	160,336	2,011	1.3	9,042	5.6	83,770	52.2	62,387	38.9	3,007	1.9	119	0.1
ALLENTOWN	1,634	21	1.3	96	5.9	890	54.5	602	36.8	24	1.5	1	0.1
ALTOONA	629	10	1.6	37	5.9	323	51.4	245	39.0	14	2.2	0	-
BETHEL PARK	429	3	0.7	15	3.5	218	50.8	182	42.4	10	2.3	1	0.2
BETHLEHEM	801	10	1.2	43	5.4	443	55.3	294	36.7	11	1.4	0	-
CHESTER	1,008	21	2.1	93	9.2	599	59.4	282	28.0	13	1.3	0	-
EASTON	439	5	1.1	32	7.3	215	49.0	176	40.1	11	2.5	0	-
ERIE	2,240	23	1.0	134	6.0	1,204	53.7	839	37.5	40	1.8	0	-
HARRISBURG	1,205	28	2.3	107	8.9	692	57.4	362	30.0	16	1.3	0	-
HAZLETON	328	2	0.6	22	6.7	178	54.3	121	36.9	5	1.5	0	-
JOHNSTOWN	382	9	2.4	27	7.1	226	59.2	113	29.6	7	1.8	0	-
LANCASTER	1,102	14	1.3	63	5.7	613	55.6	397	36.0	14	1.3	1	0.1
LEBANON	380	2	0.5	12	3.2	227	59.7	132	34.7	7	1.8	0	-
MCKEESPORT	390	8	2.1	27	6.9	207	53.1	138	35.4	9	2.3	1	0.3
MONROEVILLE	324	4	1.2	22	6.8	168	51.9	124	38.3	5	1.5	1	0.3
NEW CASTLE	424	4	0.9	27	6.4	255	60.1	132	31.1	6	1.4	0	-
NORRISTOWN	729	20	2.7	33	4.5	413	56.7	256	35.1	7	1.0	0	-
PHILADELPHIA	28,040	628	2.2	2,401	8.6	16,369	58.4	8,294	29.6	327	1.2	21	0.1
PITTSBURGH	5,417	119	2.2	426	7.9	3,042	56.2	1,750	32.3	71	1.3	9	0.2
PLUM	393	3	0.8	22	5.6	198	50.4	164	41.7	5	1.3	1	0.3
READING	1,385	18	1.3	74	5.3	805	58.1	464	33.5	23	1.7	1	0.1
SCRANTON	1,055	9	0.9	67	6.4	551	52.2	414	39.2	14	1.3	0	-
SHARON	242	2	0.8	23	9.5	132	54.5	78	32.2	5	2.1	2	0.8
STATE COLLEGE	191	3	1.6	11	5.8	94	49.2	78	40.8	5	2.6	0	-
WEST MIFFLIN	264	2	0.8	18	6.8	136	51.5	102	38.6	6	2.3	0	-
WILKES BARRE	627	8	1.3	40	6.4	320	51.0	244	38.9	15	2.4	0	-
WILLIAMSPORT	526	4	0.8	31	5.9	267	50.8	221	42.0	3	0.6	0	-
YORK	825	17	2.1	59	7 2	466	56.5	271	32.8	12	1.5	0	-
ALL OTHER AREAS	108,927	1,014	0.9	5,080	4.7	54,519	50.1	45,912	42.1	2,322	2.1	80	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.
LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-29
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1986

MUNICIPALITY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	160,336	4,293	2.7	23,014	14.4	76,747	47.9	26,351	16.4	28,082	17.5	1,849	1.2
ALLENTOWN	1,634	63	3.9	312	19.1	741	45.3	262	16.0	240	14.7	16	1.0
ALTOONA	629	8	1.3	109	17.3	382	60.7	80	12.7	48	7.6	2	0.3
BETHEL PARK	429	1	0.2	5	1.2	178	41.5	80	18.6	165	38.5	0	-
BETHLEHEM	801	30	3.7	148	18.5	319	39.8	137	17.1	167	20.8	0	-
CHESTER	1,008	43	4.3	254	25.2	566	56.2	87	8.6	54	5.4	4	0.4
EASTON	439	23	5.2	82	18.7	216	49.2	58	13.2	50	11.4	10	2.3
ERIE	2,240	62	2.8	421	18.8	1,100	49.1	332	14.8	320	14.3	5	0.2
HARRISBURG	1,205	50	4.1	361	30.0	483	40.1	121	10.0	124	10.3	66	5.5
HAZLETON	328	9	2.7	46	14.0	179	54.6	63	19.2	31	9.5	0	-
JOHNSTOWN	382	7	1.8	85	22.3	208	54.5	62	16.2	19	5.0	1	0.3
LANCASTER	1,102	79	7.2	369	33.5	430	39.0	109	9.9	112	10.2	3	0.3
LEBANON	380	15	3.9	91	23.9	189	49.7	45	11.8	38	10.0	2	0.5
MCKEESPORT	390	9	2.3	83	21.3	202	51.8	73	18.7	20	5.1	3	0.8
MONROEVILLE	324	1	0.3	8	2.5	114	35.2	79	24.4	119	36.7	3	0.9
NEW CASTLE	424	16	3.8	88	20.8	221	52.1	66	15.6	28	6.6	5	1.2
NORRISTOWN	729	11	1.5	156	21.4	359	49.2	126	17.3	72	9.9	5	0.7
PHILADELPHIA	28,040	842	3.0	7,049	25.1	12,440	44.4	3,824	13.6	3,178	11.3	707	2.5
PITTSBURGH	5,417	84	1.6	969	17.9	2,537	46.8	832	15.4	939	17.3	56	1.0
PLUM	393	0	-	8	2.0	175	44.5	94	23.9	115	29.3	1	0.3
READING	1,385	93	6.7	416	30.0	595	43.0	184	13.3	95	6.9	2	0.1
SCRANTON	1,055	19	1.8	195	18.5	476	45.1	203	19.2	162	15.4	0	-
SHARON	242	3	1.2	54	22.3	118	48.8	43	17.8	23	9.5	1	0.4
STATE COLLEGE	191	0	-	2	1.0	34	17.8	43	22.5	109	57.1	3	1.6
WEST MIFFLIN	264	1	0.4	16	6.1	151	57.2	49	18.6	44	16.7	3	1.1
WILKES BARRE	627	8	1.3	96	15.3	336	53.6	120	19.1	67	10.7	0	-
WILLIAMSPORT	526	17	3.2	123	23.4	226	43.0	98	18.6	61	11.6	1	0.2
YORK	825	41	5.0	232	28.1	413	50.1	75	9.1	60	7.3	4	0.5
ALL OTHER AREAS	108,927	2,758	2.5	11,236	10.3	53,359	49.0	19,006	17.4	21,622	19.8	946	0.9

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-30
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1986

MUNICIPALITY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
STATE TOTAL	160,336	120,033	74.9	5,198	4.3	114,805	95.6	39,098	24.4	12,876	32.9	26,179	67.0
ALLENTOWN	1,634	1,152	70.5	52	4.5	1,100	95.5	478	29.3	158	33.1	320	66.9
ALTOONA	629	447	71.1	31	6.9	416	93.1	181	28.8	75	41.4	106	58.6
BETHEL PARK	429	403	93.9	2	0.5	401	99.5	25	5.8	11	44.0	14	56.0
BETHLEHEM	801	572	71.4	21	3.7	551	96.3	229	28.6	87	38.0	142	62.0
CHESTER	1,008	357	35.4	23	6.4	334	93.6	651	64.6	226	34.7	425	65.3
EASTON	439	299	68.1	17	5.7	282	94.3	140	31.9	56	40.0	84	60.0
ERIE	2,240	1,501	67.0	76	5.1	1,425	94.9	736	32.9	275	37.4	461	62.6
HARRISBURG	1,205	474	39.3	37	7.8	437	92.2	731	60.7	270	36.9	459	62.8
HAZLETON	328	242	73.8	9	3.7	233	96.3	86	26.2	30	34.9	56	65.1
JOHNSTOWN	382	252	66.0	26	10.3	226	89.7	128	33.5	43	33.6	85	66.4
LANCASTER	1,102	573	52.0	38	6.6	535	93.4	529	48.0	195	36.9	334	63.1
LEBANON	380	265	69.7	18	6.8	247	93.2	115	30.3	44	38.3	71	61.7
MCKEESPORT	390	235	60.3	15	6.4	220	93.6	152	39.0	50	32.9	102	67.1
MONROEVILLE	324	284	87.7	4	1.4	280	98.6	40	12.3	11	27.5	29	72.5
NEW CASTLE	424	284	67.0	23	8.1	261	91.9	125	29.5	46	36.8	79	63.2
NORRISTOWN	729	448	61.5	20	4.5	428	95.5	281	38.5	94	33.5	187	66.5
PHILADELPHIA	28,040	13,360	47.6	522	3.9	12,827	96.0	14,654	52.3	4,496	30.7	10,121	69.1
PITTSBURGH	5,417	3,052	56.3	110	3.6	2,941	96.4	2,358	43.5	702	29.8	1,655	70.2
PLUM	393	361	91.9	4	1.1	357	98.9	31	7.9	5	16.1	26	83.9
READING	1,385	782	56.5	60	7.7	722	92.3	603	43.5	211	35.0	392	65.0
SCRANTON	1,055	809	76.7	34	4.2	775	95.8	246	23.3	76	30.9	170	69.1
SHARON	242	162	66.9	14	8.6	148	91.4	71	29.3	24	33.8	47	66.2
STATE COLLEGE	191	172	90.1	1	0.6	171	99.4	18	9.4	3	16.7	15	83.3
WEST MIFFLIN	264	229	86.7	2	0.9	227	99.1	34	12.9	9	26.5	25	73.5
WILKES BARRE	627	461	73.5	28	6.1	433	93.9	165	26.3	61	37.0	104	63.0
WILLIAMSPORT	526	364	69.2	28	7.7	336	92.3	162	30.8	55	34.0	107	66.0
YORK	825	397	48.1	42	10.6	355	89.4	421	51.0	142	33.7	279	66.3
ALL OTHER AREAS	108,927	92,096	84.5	3,941	4.3	88,137	95.7	15,708	14.4	5,421	34.5	10,284	65.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH SPECIFIED AREA..
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH SPECIFIED AREA.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS. UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.
SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-31
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1986

MUNICIPALITY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	160,336	121,044	75.5	25,908	16.2	5,993	3.7	5,765	3.6	1,626	1.0
ALLENTOWN	1,634	1,294	79.2	228	14.0	73	4.5	22	1.3	17	1.0
ALTOONA	629	498	79.2	106	16.9	11	1.7	2	0.3	12	1.9
BETHEL PARK	429	401	93.5	21	4.9	3	0.7	3	0.7	1	0.2
BETHLEHEM	801	664	82.9	108	13.5	17	2.1	6	0.7	6	0.7
CHESTER	1,008	551	54.7	312	31.0	99	9.8	22	2.2	24	2.4
EASTON	439	340	77.4	71	16.2	14	3.2	9	2.1	5	1.1
ERIE	2,240	1,649	73.6	355	15.8	95	4.2	128	5.7	13	0.6
HARRISBURG	1,205	664	55.1	398	33.0	105	8.7	14	1.2	24	2.0
HAZLETON	328	271	82.6	42	12.8	7	2.1	5	1.5	3	0.9
JOHNSTOWN	382	271	70.9	86	22.5	22	5.8	1	0.3	2	0.5
LANCASTER	1,102	820	74.4	222	20.1	41	3.7	7	0.6	12	1.1
LEBANON	380	288	75.8	77	20.3	8	2.1	4	1.1	3	0.8
MCKEESPORT	390	252	64.6	102	26.2	23	5.9	6	1.5	7	1.8
MONROEVILLE	324	274	84.6	36	11.1	3	0.9	9	2.8	2	0.6
NEW CASTLE	424	348	82.1	47	11.1	13	3.1	15	3.5	1	0.2
NORRISTOWN	729	528	72.4	147	20.2	24	3.3	16	2.2	14	1.9
PHILADELPHIA	28,040	15,275	54.5	6,315	22.5	1,953	7.0	3,752	13.4	745	2.7
PITTSBURGH	5,417	4,023	74.3	992	18.3	224	4.1	101	1.9	77	1.4
PLUM	393	344	87.5	36	9.2	3	0.8	8	2.0	2	0.5
READING	1,385	897	64.8	382	27.6	77	5.6	11	0.8	18	1.3
SCRANTON	1,055	878	83.2	138	13.1	27	2.6	2	0.2	10	0.9
SHARON	242	178	73.6	48	19.8	13	5.4	2	0.8	1	0.4
STATE COLLEGE	191	147	77.0	32	16.8	9	4.7	0	-	3	1.6
WEST MIFFLIN	264	229	86.7	28	10.6	4	1.5	3	1.1	0	-
WILKES BARRE	627	491	78.3	103	16.4	26	4.1	3	0.5	4	0.6
WILLIAMSPORT	526	348	66.2	161	30.6	13	2.5	1	0.2	3	0.6
YORK	825	582	70.5	177	21.5	41	5.0	12	1.5	13	1.6
ALL OTHER AREAS	108,927	88,539	81.3	15,138	13.9	3,045	2.8	1,601	1.5	604	0.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

MORTALITY

1986 MORTALITY STATISTICS

****
HIGHLIGHTS
****

THE STATE

TOTAL DEATHS: In 1986, a total of 123,852 Pennsylvania residents died, an increase of 619 or 0.5 percent from 1985. This figure is the highest annual number of deaths since 1973. The crude death rate per 1,000 population remained at 10.4. Only minor fluctuations have occurred in the death rate over the past 40 years. Historically, Pennsylvania's total crude death rates have been higher than those for the United States.

DEATHS BY AGE, SEX, AND RACE: The median age at death in 1986 for Pennsylvanians was 74.8. In 1985, it was 74.3. This figure has risen over the years from 72.8 in 1980, 70.9 in 1970, and 68.7 in 1960.

In 1986, 9.2 percent of the deaths were to residents of races other than white. Over 51 percent of the white residents who died in 1986 were 75 years of age or older while only 32.6 percent of the deaths to residents of races other than white were from the same age group. This is a reflection of the difference in the median age at death between the two racial groups - 75.3 for whites and 67.6 for all other races.

The 1986 resident male death rate of 11.1 per 1,000 male population also occurred among both white males and males of races other than white. However, in comparing age-specific male death rates between the two racial groups, the rates for non-white males were much higher than those for white males in the age groups under 75. The median age at death for white males in 1986 was 72.5; for males of all other races, it was 64.9.

In contrast to the males, the crude death rate for white females (10.0) was higher than the rate for females of races other than white (8.2). Yet, for the age-specific rates among the females, a pattern similar to that among the males was evident between the racial groups. Death rates for white females were not consistently higher than for females of other races until ages 80 and over. The median age at death for white females in 1986 was 78.5; for females of all other races, it was 70.9.

AGE-ADJUSTED DEATH RATES BY SEX AND RACE: One explanation often used for Pennsylvania's consistently higher crude death rates is that Pennsylvanaia has one of the oldest populations among the fifty states. To take that into account, age-adjusted death rates by sex and race were computed for the state back to 1950. In comparing these special United States and Pennsylvania death rates that have been adjusted for differences in the ages of the populations being studied, we find that most Pennsylvanians have experienced similar or only slightly higher mortality rates than the United States as a whole. The gap between the Pennsylvania and United States rates has narrowed somewhat over the years. In 1950, the age-adjusted death rate for the state was 6.0 percent higher than the same rate for the United States. By 1975, Pennsylvania's rate was 4.8 percent higher and, by 1986, only 1.9 percent higher.

In reviewing the age-adjusted death rates by sex, the rate for males was 65 percent higher than the rate for females. However, while the state's male age-adjusted 1986 death rate was similar to the corresponding rate for the United States males, the state's female age-adjusted death rate in 1986 was almost 5.0 percent higher than the United States rate for females.

Age-adjusted death rates by race for Pennsylvania and the United States showed that while the rates among Pennsylvania's races other than white have been and continue to be lower than the comparable United States rates, the Pennsylvania rates for whites have been higher than the United States rates. In 1986, the age-adjusted death rates for whites in Pennsylvania was 5.5 per 1,000 white population; in the United States, it was 5.2. Among races other than white, the figure was 6.0 for Pennsylvania and 6.8 for the United States.

INFANT DEATHS: The number of resident infant deaths for Pennsylvania declined from 1,734 in 1985 to 1,628 in 1986, a decrease of 6.1 percent from 1985. The corresponding infant death rate also declined from 10.8 infant deaths per 1,000 live births in 1985 to 10.2 in 1986. Both the 1986 infant death number and rate were the lowest annual figures ever recorded.

Two-thirds of the infant deaths in 1986 occurred during the neonatal period (the first 27 days of life) and the remaining 33 percent in the postneonatal period (28-364 days).

When broken down by race, the resident infant death rate for whites declined from 9.4 in 1985 to 8.6 in 1986. However, the number and rate of postneonatal white infant deaths increased slightly from 380 with a rate of 2.8 for 1985 to 390 deaths with a rate of 2.9 for 1986. The number of infant deaths among races other than white increased from 458 in 1985 to 474 in 1986. However, the infant death rate for this group actually declined from 18.8 in 1985 to 18.3 in 1986. This was due to the fact that there was a proportionately higher increase in the number of live births than infant deaths within this racial group. Despite the decline in the rate for races other than white, the 1986 rate among these races was still more than twice that for whites.

LEADING CAUSES OF DEATH: The leading cause of death in Pennsylvania continued to be heart disease, which accounted for 47,991 or 38.7 percent of all deaths, the lowest percentage since 1948 when it was 36.0. The ranking of the three most frequent causes of death - heart disease, malignant neoplasms (cancer), and cerebrovascular disease (stroke) has remained the same since 1945. Together, these three causes accounted for almost 68 percent of all the deaths in 1986. The fourth leading cause of death, chronic obstructive pulmonary disease, is a relatively new category that includes bronchitis, emphysema, asthma and allied conditions. The National Center for Health Statistics and state health agencies have been listing this category since the latest revision of the International Classification of Diseases took effect in 1979. Since the late 1970's, medical certifiers have been using the term, chronic obstructive pulmonary disease, on certificates instead of a more specific diagnosis. And, for comparison with mortality statistics reported by other states and the United States, this new category was first introduced in the 1982 report of Pennsylvania vital statistics. In 1986, it accounted for 3.4 percent of all deaths, compared to 3.3 in 1985 and 2.6 in 1980. For the first time ever, chronic obstructive pulmonary disease replaced accidents as the fourth leading cause of death in the state in 1986.

Among the causes ranked six through ten, there were no changes in the order from the 1985 list. However, the number of deaths due to septicemia has doubled since 1980 and increased by over 4,000 percent since 1950. Nephritis/nephrosis has also been on the increase since 1980. Although not as large and consistent an increase as for septicemia, the number of deaths due to nephritis/nephrosis in 1986 was 38.4 percent higher than in 1980.

MEDIAN AGE AT DEATH FOR LEADING CAUSES: Residents of Pennsylvania who died in motor vehicle accidents and homicides in 1986 had the lowest median age at death among the 17 leading causes, 28.8 and 31.6, respectively. This was consistently true for both sexes and racial breakdowns (white and all other). Other causes with somewhat lower median ages at death included suicide (41.7) and liver disease/cirrhosis (63.7). The highest median ages at death occurred for atherosclerosis (86.0) and pneumonia/influenza (82.3). Again, this was true of both sexes and racial groups except for males of races other than white. Among these deaths, nephritis/nephrosis at 74.4 had the second highest median age at death with atherosclerosis (78.8) first and chronic obstructive pulmonary disease (72.8) third.

The largest difference in median age between the sexes occurred for deaths due to accidents, especially non-motor vehicle accidents (53.2 for males, 76.2 for females). However, this age/sex difference for accidental deaths was evident only among whites. There were no large sex differences in median ages at death for the selected causes among races other than white.

CAUSE-SPECIFIC DEATH RATES: Cause specific death rates for 1986 displayed the prominence of heart disease and malignant neoplasms among the leading causes, with rates of 403.7 and 235.8, respectively, per 100,000 population. While the heart disease rate was the lowest since 1948, the cancer death rate was the highest ever recorded for the state. The third highest death rate in 1986 was 67.0 for cerebrovascular disease. The death rate for this disease has never been lower and has been on a steady decline since the mid-1970's. Even though accidental deaths moved down from fourth to fifth leading cause of death below chronic obstructive pulmonary disease, the rate (and number) for that cause increased from the 1985 figure of 34.7. In 1986, the rate was 35.2.

LEADING CAUSES OF DEATH BY AGE: For children under 5 years of age, deaths in 1986 were due mainly to perinatal/early infancy conditions (43.6 percent), congenital anomalies/birth defects (18.8 percent), and accidents (7.0 percent).

Persons 5-24 years of age had the lowest death rate among the age groups listed. However, accidents caused over half of all these deaths. Motor vehicle accidents

alone accounted for 38.8 percent of the deaths, suicide for 11.4 percent, malignant neoplasms for 8.3 percent, and homicide for 8.0 percent.

Over 19 percent of the deaths to persons 25-44 years of age were from accidents; almost another 19 percent were from malignant neoplasms; 14.8 percent were from heart disease; and, 10.7 percent from suicide.

For the age group 45-64, the leading causes of death were malignant neoplasms and heart disease. Together they accounted for nearly 70 percent of these deaths. Cerebrovascular disease was a distant third at 3.8 percent.

Heart disease accounted for almost 41 percent of the deaths to residents 65-84 years of age, malignant neoplasms for over 24 percent, and cerebrovascular disease for 6.8 percent.

For the age group 85 and over, 48.9 percent of the deaths were from heart disease compared to 10.7 percent from malignant neoplasms, 9.4 percent from cerebrovascular disease, and 5.6 percent from pneumonia/influenza.

LEADING CAUSES OF DEATH BY SEX: Over 1,400 males died as a result of motor vehicle accidents, compared to 557 females. Other causes with significant sex differences included suicide (1,168 males versus 275 females), homicide (476 males and 182 females), and pneumoconiosis (560 males and 2 females). There were no female-dominated causes with such dramatic sex difference, although females did outnumber males in causes such as cerebrovascular disease, diabetes mellitus, septicemia, and atherosclerosis. It is interesting to note that the causes dominated by males were external causes of injury and poisoning, with the exception of pneumoconiosis which is an occupational disease. However, the female-dominated causes were all chronic diseases, mainly associated with the elderly. Cause-specific death rates by sex displayed similar patterns.

LEADING CAUSES OF DEATH BY RACE: Approximately 40 percent of all whites died from heart disease, compared to less than 27 percent of all other races. The proportions dying from malignant neoplasms and cerebrovascular disease were similar for both whites and other races. Homicide and perinatal conditions appear in the top ten leading causes for races other than white but not for whites. Instead, nephritis/nephrosis and suicide appear in the top ten leading causes of death among whites. For races other than white aged 5-44, the leading cause was homicide; for whites of these ages, homicide placed fifth, with the leading cause for that group being accidents. For the age group 65-84, septicemia was the fourth leading cause of death among races other than white; among whites, it was eighth. Cause-specific death rates by race displayed very similar patterns.

AGE-ADJUSTED DEATH RATES FOR LEADING CAUSES: In comparing age-adjusted death rates for 15 selected major causes of death for Pennsylvania and the United States in 1986, Pennsylvania's rates for heart disease, malignant neoplasms, diabetes, septicemia, and nephritis/nephrosis were higher than the United States rates but lower for all the other causes, especially accidents, liver disease, and homicide. The 1986 Pennsylvania rates were higher than comparable five-year summary (1982-1986) rates for chronic obstructive pulmonary disease, pneumonia/influenza, septicemia, and nephritis/nephrosis.

CAUSES OF DEATH BY TYPE:

Infectious and Parasitic Diseases - These deaths occurred at a rate of 18.1 per 100,000 population in 1986 compared to 15.9 in 1985 and 10.3 in 1980. Almost 79 percent of these deaths were due to septicemia.

Malignant Neoplasms - The number of deaths from cancer increased slightly from 27,901 deaths in 1985 to 28,037 in 1986. Fifty-eight percent of these deaths in 1986 were due to malignant neoplasms of the trachea, bronchus and lung (24.8 percent), colon (11.1 percent), female breast (8.7 percent), prostrate (5.5 percent), pancreas (4.7 percent), and stomach (3.2 percent). The death rate for malignant neoplasms (235.8 per 100,000 population) was the highest rate ever recorded in Pennsylvania. The next highest was the rate of 235.2 in 1985.

Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders - Of the 3,556 deaths due to these diseases and immunity disorders in 1986, over 70 percent were from diabetes mellitus. The death rate for diabetes was 21.0 per 100,000 population compared to 22.0 in 1985 and 21.2 in 1984.

Diseases of the Nervous System and Sense Organs - Hereditary and degenerative diseases of the central nervous system, including Tay-Sachs disease among children and Parkinson's disease among the elderly, accounted for over 60 percent of the deaths in this category. Other disorders of the central nervous system, including multiple sclerosis, infantile cerebral palsy, and epilepsy, was the other major subdivision, accounting for almost 30 percent of the 1,816 deaths.

Circulatory System - The number of deaths due to these diseases decreased from 60,133 in 1985 to 59,195 in 1986. Over 52 percent of these deaths in 1986 were due to ischemic heart disease, including 16,589 deaths due to acute myocardial infarction. Another category, cerebrovascular disease, accounted for 7,961 deaths or 13.4 percent, a decrease of 214 deaths from the 1985 figure.

Respiratory System - Of the 9,778 deaths due to diseases of the respiratory system in 1986, 43.5 percent were due to chronic obstructive pulmonary disease and 37.0 percent to pneumonia and influenza. The number of deaths due to Coalworker's pneumoconiosis was 525, a slight decrease from the 1985 figure of 550 but a significant decrease from the 727 deaths recorded in 1980.

Digestive System - The number of deaths due to diseases of the digestive system in 1986 was 4,007. Over 30 percent of these deaths were from chronic liver disease and cirrhosis.

Diseases of the Genitourinary System - Of the 2,569 deaths due to diseases and disorders of the genitourinary system, almost 60 percent were due to nephritis, nephrotic syndrome and nephrosis, in most cases, renal failure.

Maternal Deaths - Deaths resulting from complications of pregnancy, childbirth, and the puerperium numbered 14 or 0.9 per 10,000 live births, an increase of 3 deaths from 1985. The lowest number and rate occurred in 1981 (7 and 0.4). Complications from non-induced terminations of pregnancy were responsible for five of the maternal deaths.

External Causes of Injury and Poisoning - Of the 6,448 deaths in 1986 due to these causes, 64.9 percent or 4,182 were accidents. Approximately 47 percent of the accidents involved motor vehicles. The next highest number of deaths in this category was suicides - 1,443 or 12.1 per 100,000 population. Accidental falls accounted for 553 deaths and had a rate of 4.7, compared to a number and rate of 638 and 5.4 in 1985 and 767 and 6.5 in 1980. However, homicides increased from 581 in 1985 to 653 (5.5 per 100,000 population) in 1986. Approximately half of the suicides and the homicides involved firearms and explosives. Only 164 resident deaths or 2.5 percent of the deaths in this category were undetermined as accidently or purposely inflicted.

INFANT DEATHS BY CAUSE:

Age at Death - The cause of deaths for infants varied according to the age at death. For neonatal deaths (under 28 days of age), over 71 percent were the result of perinatal conditions and over 21 percent were due to congenital anomalies/birth defects. For postneonatal deaths (28-364 days of age), 34.7 percent were the result of sudden infant death syndrome and 16.5 percent were due to congenital anomalies.

Congenital Anomalies - Over 43 percent of the infant deaths in this category were due to congenital anomalies of the circulatory system. Approximately 13 percent were the result of anomalies of the nervous system, followed by anomalies of the respiratory system with 11.2 percent and chromosomal anomalies (including Down's, Patau's, and Edward's Syndromes) with 9.7 percent.

Perinatal Conditions - In 1986, there were 824 infant deaths due to perinatal conditions compared to 1,194 in 1980. Nearly 36 percent of these infant deaths resulted from respiratory distress syndrome and other respiratory conditions of the newborn and over 19 percent from disorders relating to short gestation and low birth weight.

All Other Causes - Of the 483 infant deaths due to causes other than congenital anomalies and perinatal conditions, 204 or 42.2 percent were attributed to sudden infant death syndrome. Figures for all other causes in this category were much smaller. These included pneumonia with 28 deaths, cardiac dysrhythmias or cardiac arrest with 21 deaths, and septicemia with 17 deaths. External causes of injury and poisoning accounted for 57 infant deaths in 1986. Almost 72 percent of these types of deaths were due to three causes - accidental submersion/suffocation, accidents caused by fire and flames, and homicide. Postneonates (infants 28-364 days of age) accounted for 83 percent of the deaths due to causes other than congenital anomalies and perinatal conditions.

FETAL DEATHS:

NOTE: In Pennsylvania, a fetal death is required by law to be reported only if the gestational age of the fetus was more than 16 weeks. The data for fetal deaths in this report reflect this legal requirement. See the Technical Notes section in the back of this report for further discussion of data on fetal deaths.

The fetal death rate in 1986 was 18.5 per 1,000 deliveries (live births and fetal deaths), the same as in 1985. However, in 1984, the rate was 19.6, and, in 1980, 21.3. Over 41 percent or 1,250 of the 3,026 reported fetal deaths in 1986 were induced terminations of pregnancy.

Of the 1,776 fetal deaths excluding induced terminations, 591 (33.3 percent) were due to complications of the placenta, cord and membranes; 220 (12.4 percent) to maternal complications of pregnancy; and, 147 (8.3 percent) to disorders relating to short gestation and low birth weight.

PENNSYLVANIA AND UNITED STATES DEATH RATES BY TYPE: Pennsylvania's death rates due to heart disease, malignant neoplasms, and cerebrovascular disease throughout the period 1950-1986 as compared to the rates for the United States are consistently higher. Pennsylvania had the third highest median age among states in the 1980 U.S. Census. Such an older age distribution is a major factor contributing to higher rates for chronic diseases such as heart disease and cancer. Also, when comparing death rates for external causes for the same period, Pennsylvania's rates for accidents, suicides, and homicides are consistently lower, especially for homicides. Comparison of death rates for pneumonia and influenza indicate very similar figures over these years. For the seven major causes of death, trends over the thirty-seven year period were similar in Pennsylvania and the United States. However, while Pennsylvania's 1986 suicide death rate remained at 12.1 per 100,000 population, the United States rate increased from 12.3 in 1985 to 13.1 in 1986.

LEADING CAUSES OF DEATH BY TYPE, AGE, SEX, AND RACE:

Heart Disease - Ischemic heart disease including acute myocardial infarction accounted for almost 65 percent of all heart disease deaths among Pennsylvania residents in 1986. In comparing the types of heart disease deaths by sex, more males tended to die from acute myocardial infarction while more females died from other ischemic heart disease, rheumatic heart disease, heart disease with hypertension, and pulmonary circulatory diseases.

Malignant Neoplasms - The three major types of cancer deaths among Pennsylvania males in 1986 were those of the respiratory, digestive, and genitourinary systems, in that order. Among females, the top three were cancers of the digestive system, the bone, tissue, skin and breast, and the respiratory system. Whereas the respiratory system was the major site of cancer deaths among males aged 35 and older, for females of those ages, malignant neoplasms of the bone, tissue, skin and breast were predominant in the age group 35-64 and digestive system cancers were the major type in females 65 years of age and older. Leukemia was the major type of cancer death for both sexes in the age group 15-24.

In comparing the different types of cancer death rates by race, the rates were higher among whites for all but two types of cancer deaths - buccal cavity/pharynx and the respiratory system. The largest difference in cancer death rates between the two racial groups occurred in leukemia and bone, tissue, skin and breast. The rates for whites were 77.4 percent and 42.0 percent higher, respectively, for these two types than for all other races.

Accidents - Over 47 percent of all accidental deaths were motor vehicle related. For ages 5 to 74, motor vehicle accidents were the leading type of fatal accident. For children under 5, the most prevalent types of accidental deaths were caused by fires and submersion/suffocation. For the elderly, 75 years of age and older, falls were the leading cause of accidental death, accounting for 350 or 37.5 percent of the 934 deaths.

In making comparisons of the types of accidental deaths by sex, males accounted for over 70 percent of the deaths due to motor vehicle and poisoning accidents. In 1986, for only two types of accidental deaths did more females than males die - falls and surgical complications.

Suicides - Males accounted for almost 81 percent of all suicide deaths recorded for Pennsylvania residents in 1986. Approximately the same percentages occurred by sex among whites and other races. The largest number and percentage of suicides occurred in the ten-year age group 25-34, 324 and 22.5 percent. This was also true among males of both racial groups and females of races other than white. However, among white females, the ten-year age groups spanning the ages 35-64 had slightly more deaths attributed to suicide.

Homicides - In 1986, over 72 percent of the homicides involved males. Figures were similar among the two racial groups of whites and all others. Over 52 percent of the homicides in 1986 were to persons 15-34 years of age. While races other than white accounted for 9.2 percent of all deaths in 1986, they made up half of all the homicide deaths.

COUNTIES

NOTE: County by county comparisons should be made very cautiously. For example, Sullivan County had the highest death rate in 1986 and Centre County the lowest among the 67 counties. This is a reflection of the size and age of these populations. Sullivan County had one of the highest median ages (35.2) and Centre County the lowest (24.3), according to 1980 census figures. Sullivan County is also one of the least populated counties. See the "Reliability of Rates" section of the Technical Notes in the back of this report for more discussion of small area data analysis.

TOTAL DEATHS: Five-year county summary crude death rates for 1982-1986 can provide more accurate and useful information. The state/county map of these rates demonstrates that higher death rates occurred in the northeastern and western parts of the state while relatively lower rates occurred in the central part of the state.

INFANT DEATHS: The five-year summary infant death rates for 1982-1986 displayed on a state map of the counties showed that the metropolitan counties containing Philadelphia, Pittsburgh, Harrisburg, and Erie as well as the western part of the state had the highest rates. Five-year summary neonatal death rates by county demonstrated similar patterns.

AGE-ADJUSTED DEATH RATES: Death rates adjusted for age can also be used to obtain a more accurate description of recent mortality experiences and provide a basis for comparison. Age-adjusted death rates for 1986 by county showed Philadelphia County with the highest age-adjusted total death rate in the state at 7.1 per 1,000 population. The next highest was Sullivan County at 6.7. Fulton County had the lowest age-adjusted total death rate at 4.3. Other counties with low rates included Potter (4.4), Pike (4.5), Cumberland (4.6), and Lancaster (4.7). Philadelphia also had the highest age-adjusted death rate for males in 1986 - 9.5. Philadelphia and Sullivan shared the highest rate for females - 5.3. This highest rate (5.3) for females was the lowest age-adjusted death rate in 1986 for males. Potter County claimed this rate while Fulton County had the lowest age-adjusted female death rate with 2.9. Five-year summary (1982-1986) age-adjusted death rates displayed similar patterns with Philadelphia again having the highest rates.

DEATHS BY RACE: Thirteen counties had no resident deaths in 1986 that were of a race other than white. Another 15 counties had only 1 or 2 such resident deaths in 1986. Six counties (Allegheny, Chester, Dauphin, Delaware, Montgomery, and Philadelphia) accounted for almost 90 percent of the resident deaths to races other than white for Pennsylvania during 1986.

LEADING CAUSES OF DEATH: Four counties (Allegheny, Delaware, Montgomery, and Philadelphia) accounted for almost 54 percent of the resident deaths due to septicemia. Over half of the homicide deaths in Pennsylvania during 1986 were of residents of Philadelphia. Five counties - Cambria, Lackawanna, Luzerne, Northumberland, and Schuylkill - accounted for almost 75 percent of the deaths from pneumoconiosis.

CITIES AND BOROUGHS

TOTAL DEATHS: Of the 27 cities and boroughs examined, McKeesport had the highest resident death rate in 1986 - 18.9 per 1,000 population. The next highest were New Castle and Hazleton at 16.6 and 16.2, respectively. Five-year summary death rates for 1982-1986 showed McKeesport with the highest rate again, followed by Johnstown, Wilkes Barre, and Hazleton.

INFANT DEATHS: Johnstown had the highest 1986 infant and neonatal death rates. Pittsburgh and Norristown had the next highest infant and neonatal death rates for 1986. Sharon had no resident infant deaths in 1986. State College had only one resident infant death. In comparing the five-year summary (1982-1986) infant and neonatal death rates for the municipalities, Johnstown had again the highest infant death rate at 17.8 per 1,000 live births, followed by Chester with 17.1 and Norristown with 17.0. The highest five-year summary neonatal death rate belonged to West Mifflin. Wilkes Barre and Williamsport had the lowest five-year infant and neonatal death rates.

LEADING CAUSES OF DEATH: Norristown's 1986 death rate for accidents not involving motor vehicles (65.1 per 100,000 population) was more than 3 times higher than the comparable rate for the state (18.5). There were no suicides of Plum Borough residents in 1986, but, among York City residents, the suicide death rate was 29.3 compared to 12.1 for the state. Chester had the highest homicide resident death rate with 32.1. The next highest was Norristown with 26.6. Seven municipalities experienced no homicides of residents in 1986.

****
LIST OF DATA TABLES AND ILLUSTRATIONS
****

MORTALITY DATA TABLES **PAGE**

TABLE C-1 RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL, AND MATERNAL DEATHS: PENNSYLVANIA, 1950-1986 80

TABLE C-2 RATES FOR RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL, AND MATERNAL DEATHS: PENNSYLVANIA AND UNITED STATES, 1950-1986 . . 81

TABLE C-3 RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE: PENNSYLVANIA, 1986, 1980, 1970, 1960, 1950, 1940 84

TABLE C-4A RESIDENT DEATHS BY AGE, RACE, AND SEX, PENNSYLVANIA, 1986 85

TABLE C-4B RESIDENT DEATH RATES BY AGE, RACE, AND SEX, PENNSYLVANIA, 1986 . . 85

TABLE C-5 AGE-ADJUSTED DEATH RATES BY SEX, PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950, 1960, 1970-1986 86

TABLE C-6 AGE-ADJUSTED DEATH RATES BY RACE, PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950, 1960, 1970-1986 87

TABLE C-7 RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY RACE, NUMBER AND RATE: PENNSYLVANIA, 1986 88

TABLE C-8 LEADING CAUSES OF DEATH, PENNSYLVANIA RESIDENTS, 1986, 1980, 1970, 1960, 1950, 1940 90

TABLE C-9 MEDIAN AGE AT DEATH FOR SELECTED LEADING CAUSES BY RACE AND SEX, PENNSYLVANIA RESIDENTS, 1986 92

TABLE C-10A SELECTED CAUSES OF DEATH BY AGE GROUP - BOTH SEXES NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986 93

TABLE C-10B SELECTED CAUSES OF DEATH BY AGE GROUP - MALES NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986 94

TABLE C-10C SELECTED CAUSES OF DEATH BY AGE GROUP - FEMALES NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986 95

TABLE C-10D SELECTED CAUSES OF DEATH BY AGE GROUP - WHITE POPULATION NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986 96

TABLE C-10E SELECTED CAUSES OF DEATH BY AGE GROUP - FOR RACES OTHER THAN WHITE, NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986 97

TABLE C-11A RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP, BOTH SEXES, PENNSYLVANIA, 1986 98

TABLE C-11B RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP, MALES, PENNSYLVANIA, 1986 99

TABLE C-11C RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP, FEMALES, PENNSYLVANIA, 1986 100

TABLE C-11D RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP, WHITE POPULATION, PENNSYLVANIA, 1986 101

TABLE C-11E RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP, FOR RACES OTHER THAN WHITE, PENNSYLVANIA, 1986 102

TABLE C-12 AGE-ADJUSTED DEATH RATES FOR SELECTED CAUSES OF DEATH, PENNSYLVANIA RESIDENTS, 1986 AND FIVE YEAR SUMMARY, 1982-1986 AND UNITED STATES, 1986 103

TABLE C-13 RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 . . 104

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

TABLE C-14 RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH, NUMBER AND RATE: PENNSYLVANIA, 1986 114

TABLE C-15 RESIDENT FETAL DEATHS BY CAUSE: NUMBER AND RATE: PENNSYLVANIA, 1986 118

TABLE C-16A HEART DISEASE DEATHS, NUMBER AND RATE: PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986 119

TABLE C-16B RESIDENT HEART DISEASE DEATHS BY TYPE AND SEX, NUMBER AND PERCENT: PENNSYLVANIA, 1986 120

TABLE C-17A MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE: PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986 121

TABLE C-17B RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - MALES PENNSYLVANIA, 1986 122

TABLE C-17C RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - FEMALES PENNSYLVANIA, 1986 122

TABLE C-17D RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND RACE, NUMBER AND RATE: PENNSYLVANIA, 1986 124

TABLE C-18A ACCIDENTAL DEATHS, NUMBER AND RATE: PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986 125

TABLE C-18B RESIDENT ACCIDENTAL DEATHS BY TYPE AND AGE, PENNSYLVANIA, 1986 . . 126

TABLE C-18C RESIDENT ACCIDENTAL DEATHS BY TYPE AND SEX, NUMBER AND PERCENT, PENNSYLVANIA, 1986 126

TABLE C-19 CEREBROVASCULAR DISEASE DEATHS, NUMBER AND RATE: PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986 128

TABLE C-20 PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE: PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986 129

TABLE C-21A SUICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986 130

TABLE C-21B RESIDENT SUICIDE DEATHS BY AGE, RACE, AND SEX, PENNSYLVANIA, 1986 . 131

TABLE C-22A HOMICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986 132

TABLE C-22B RESIDENT HOMICIDE DEATHS BY AGE, RACE, AND SEX, PENNSYLVANIA, 1986 133

TABLE C-23 RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, 1986 134

TABLE C-24 RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 137

TABLE C-25 AGE-ADJUSTED DEATH RATES BY SEX AND COUNTY, PENNSYLVANIA RESIDENTS, 1986 AND FIVE YEAR SUMMARY, 1982-1986 140

TABLE C-26 RESIDENT DEATHS BY AGE GROUP AND COUNTY, PENNSYLVANIA, 1986 . . . 142

TABLE C-27 RESIDENT DEATHS BY SEX, RACE AND COUNTY, PENNSYLVANIA, 1986 . . . 144

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

TABLE C-28 SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE: PENNSYLVANIA RESIDENTS, 1986 146

TABLE C-29 RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS FOR SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, 1986 164

TABLE C-30 RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS FOR SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 167

TABLE C-31 RESIDENT DEATHS BY AGE GROUP AND SELECTED MUNICIPALITIES, PENNSYLVANIA, 1986 170

TABLE C-32 RESIDENT DEATHS BY SEX AND RACE FOR SELECTED MUNICIPALITIES, PENNSYLVANIA, 1986 171

TABLE C-33 SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, 1986 172

MORTALITY DATA ILLUSTRATIONS **PAGE**

FIGURE C-1 CRUDE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 . . . 82

FIGURE C-2 INFANT AND NEONATAL DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 83

FIGURE C-3 RESIDENT DEATH RATES BY AGE GROUP, PENNSYLVANIA, 1986 84

FIGURE C-4 AGE-ADJUSTED DEATH RATES BY SEX, PENNSYLVANIA AND UNITED STATES, 1970-1986 86

FIGURE C-5 AGE-ADJUSTED DEATH RATES BY RACE, PENNSYLVANIA AND UNITED STATES, 1970-1986 87

FIGURE C-6 RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATH RATES BY RACE, PENNSYLVANIA, 1986 88

FIGURE C-7 VITAL EVENTS SUMMARY CHART, PENNSYLVANIA, 1986 89

FIGURE C-8 RESIDENT DEATHS, PERCENT BY FIVE LEADING CAUSES, PENNSYLVANIA, 1986 AND 1940 91

FIGURE C-9 HEART DISEASE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 119

FIGURE C-10 RESIDENT HEART DISEASE DEATHS, PERCENT BY TYPE, PENNSYLVANIA, 1986 120

FIGURE C-11 MALIGNANT NEOPLASM DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 121

FIGURE C-12 RESIDENT MALIGNANT NEOPLASM DEATHS BY SEX, PERCENT BY TYPE, PENNSYLVANIA, 1986 123

FIGURE C-13 RESIDENT MALIGNANT NEOPLASM DEATHS, PERCENT BY TYPE, PENNSYLVANIA, 1986 124

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA ILLUSTRATIONS (CONTINUED) **PAGE**

FIGURE C-14 ACCIDENTAL DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 . 125

FIGURE C-15 RESIDENT ACCIDENTAL DEATHS, PERCENT BY TYPE, PENNSYLVANIA, 1986 . . 127

FIGURE C-16 RESIDENT ACCIDENTAL DEATHS, PERCENT BY AGE GROUP, PENNSYLVANIA, 1986 127

FIGURE C-17 CEREBROVASCULAR DISEASE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 128

FIGURE C-18 PNEUMONIA AND INFLUENZA DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 129

FIGURE C-19 SUICIDE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 . . 130

FIGURE C-20 RESIDENT SUICIDE DEATHS, PERCENT BY AGE GROUP, PENNSYLVANIA, 1986 . 131

FIGURE C-21 HOMICIDE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1986 . . 132

FIGURE C-22 RESIDENT HOMICIDE DEATHS, PERCENT BY AGE GROUP, PENNSYLVANIA, 1986 133

FIGURE C-23 STATE MAP: RESIDENT CRUDE DEATH RATES BY COUNTY, PENNSYLVANIA, 1986 135

FIGURE C-24 STATE MAP: RESIDENT INFANT DEATH RATES BY COUNTY, PENNSYLVANIA, 1986 136

FIGURE C-25 STATE MAP: RESIDENT NEONATAL DEATH RATES BY COUNTY, PENNSYLVANIA, 1986 136

FIGURE C-26 STATE MAP: RESIDENT CRUDE DEATH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 138

FIGURE C-27 STATE MAP: RESIDENT INFANT DEATH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 139

FIGURE C-28 STATE MAP: RESIDENT NEONATAL DEATH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 139

FIGURE C-29 STATE MAP: AGE-ADJUSTED DEATH RATES BY COUNTY, PENNSYLVANIA RESIDENTS, 1986 141

FIGURE C-30 STATE MAP: AGE-ADJUSTED DEATH RATES BY COUNTY, PENNSYLVANIA RESIDENTS, FIVE YEAR SUMMARY, 1982-1986 141

FIGURE C-31 RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, 1986 165

FIGURE C-32 RESIDENT INFANT DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, 1986 166

FIGURE C-33 RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 168

FIGURE C-34 RESIDENT INFANT DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986 169

TABLE C-1
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL,
AND MATERNAL DEATHS: PENNSYLVANIA, 1950-1986

YEAR	TOTAL DEATHS	LIVE BIRTHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS	MATERNAL DEATHS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1986	123,852	160,336	3,026	1,628	1,084	14
1985	123,233	160,001	3,015	1,734	1,201	11
1984	121,358	156,799	3,141	1,634	1,129	12
1983	121,066	157,810	3,198	1,764	1,229	10
1982	118,450	161,561	3,193	1,853	1,320	8
1981	119,612	160,179	3,061	1,902	1,357	7
1980	123,233	158,670	3,455	2,095	1,529	12
1979	117,097	157,533	3,608	2,118	1,548	12
1978	119,279	151,438	4,034	2,031	1,540	19
1977	118,853	153,415	4,058	2,137	1,608	19
1976	120,882	148,004	4,349	2,276	1,746	26
1975	120,459	148,942	3,848	2,423	1,855	10
1974	122,943	151,458	4,372	2,584	2,013	11
1973	126,483	153,272	4,229	2,607	1,980	21
1972	127,136	163,110	3,768	2,912	2,244	20
1971	126,597	180,939	4,079	3,314	2,548	36
1970	126,564	192,154	4,495	3,879	3,027	40
1969	126,704	185,046	3,668	3,865	3,003	37
1968	130,802	185,729	3,539	4,015	3,154	33
1967	125,494	188,706	3,589	4,158	3,261	48
1966	126,820	195,869	3,765	4,323	3,354	50
1965	125,670	204,105	3,922	4,737	3,592	44
1964	123,845	218,515	4,258	5,029	3,869	62
1963	126,199	221,537	4,329	5,178	3,979	69
1962	122,989	226,393	4,398	5,370	4,135	60
1961	120,543	240,172	4,646	5,639	4,357	71
1960	121,163	241,099	4,525	5,921	4,557	76
1959	119,206	246,615	4,666	6,145	4,725	71
1958	118,360	249,810	4,901	6,360	4,918	86
1957	118,734	254,997	4,977	6,240	4,785	78
1956	114,578	248,019	4,861	6,086	4,667	90
1955	113,458	242,591	4,939	5,962	4,649	94
1954	108,783	245,521	4,931	6,123	4,686	103
1953	112,574	239,206	4,321	6,147	4,640	132
1952	111,156	239,964	4,584	6,273	4,589	147
1951	111,426	235,074	4,596	6,117	4,618	151
1950	110,212	221,635	4,418	6,126	4,578	170

TABLE C-2
RATES* FOR RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL, AND MATERNAL DEATHS: PENNSYLVANIA AND UNITED STATES, 1950-1986

	TOTAL DEATH RATE		LIVE BIRTH RATE		FETAL DEATH RATE		INFANT DEATH RATE		NEONATAL DEATH RATE		MATERNAL DEATH RATE	
YEAR	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
1986	10.4	8.7**	13.5	15.5**	18.5	***	10.2	10.4**	6.8	6.7**	0.9	0.7**
1985	10.4	8.7**	13.5	15.8**	18.5	***	10.8	10.6	7.5	7.0	0.7	0.8**
1984	10.2	8.6	13.2	15.5**	19.6	***	10.4	10.8	7.2	7.0	0.8	0.8
1983	10.2	8.6	13.3	15.5	19.9	***	11.2	11.2	7.8	7.3	0.6	0.8
1982	10.0	8.5	13.6	15.9	19.4	***	11.5	11.5	8.2	7.7	0.5	0.8
1981	10.1	8.6	13.5	15.8	18.8	***	11.9	11.9	8.5	8.0	0.4	0.9
1980	10.4	8.8	13.4	15.9	21.3	***	13.2	12.6	9.6	8.5	0.8	0.9
1979	10.0	8.5	13.4	15.6	22.4	***	13.4	13.1	9.8	8.9	0.8	1.0
1978	10.2	8.7	12.9	15.0	25.9	***	13.4	13.8	10.2	9.5	1.3	1.0
1977	10.0	8.6	13.0	15.1	25.8	***	13.9	14.1	10.4	9.9	1.2	1.1
1976	10.2	8.8	12.5	14.6	28.5	***	15.4	15.2	11.8	10.9	1.8	1.2
1975	10.2	8.8	12.6	14.6	25.2	***	16.3	16.1	12.5	11.6	0.7	1.3
1974	10.4	9.1	12.8	14.8	28.1	***	17.1	16.7	13.3	12.3	0.7	1.5
1973	10.6	9.3	12.9	14.8	26.9	***	17.0	17.7	12.9	13.0	1.4	1.5
1972	10.7	9.4	13.7	15.6	22.6	***	17.9	18.5	13.8	13.6	1.2	1.9
1971	10.7	9.3	15.1	17.2	22.0	***	18.3	19.1	14.1	14.2	2.0	1.9
1970	10.7	9.5	16.3	18.4	22.9	***	20.2	20.0	15.8	15.1	2.1	2.2
1969	10.7	9.5	15.7	17.9	19.4	***	20.9	20.9	16.2	15.6	2.0	2.2
1968	11.1	9.7	15.8	17.6	18.7	***	21.6	21.8	17.0	16.1	1.8	2.5
1967	10.8	9.4	16.2	17.8	18.7	***	22.0	22.4	17.3	16.5	2.5	2.8
1966	10.9	9.5	16.8	18.4	18.9	***	22.1	23.7	17.1	17.2	2.5	2.9
1965	10.9	9.4	17.7	19.4	18.9	***	23.2	24.7	17.6	17.7	2.2	3.2
1964	10.8	9.4	19.1	21.1	19.1	***	23.0	24.8	17.7	17.9	2.8	3.3
1963	11.0	9.6	19.4	21.7	19.2	***	23.4	25.2	17.5	18.2	3.1	3.6
1962	10.8	9.5	19.9	22.4	19.1	***	23.7	25.3	18.2	18.3	2.7	3.5
1961	10.5	9.3	20.9	23.3	19.0	***	23.5	25.3	18.1	18.4	3.0	3.7
1960	10.7	9.5	21.3	23.7	18.4	***	24.6	26.0	18.9	18.7	3.2	3.7
1959	10.5	9.4	21.8	24.2	18.6	***	24.9	26.4	19.2	19.0	2.9	3.7
1958	10.7	9.5	22.5	24.5	19.2	***	25.5	27.1	19.7	19.5	3.4	3.8
1957	10.6	9.6	22.8	25.3	19.1	***	24.5	26.3	18.8	19.1	3.1	4.1
1956	10.3	9.4	22.3	25.2	19.2	***	24.5	26.0	18.8	18.9	3.6	4.1
1955	10.2	9.3	21.8	25.0	20.0	***	24.6	26.4	19.2	19.1	3.9	4.7
1954	10.0	9.2	22.5	25.3	19.7	***	24.9	26.6	19.1	19.1	4.2	5.2
1953	10.4	9.6	22.1	25.1	17.7	***	25.7	27.8	19.4	19.6	5.5	6.1
1952	10.4	9.6	22.4	25.1	18.7	***	26.1	28.4	19.1	19.8	6.1	6.8
1951	10.5	9.7	22.2	24.9	19.2	***	26.0	28.4	19.6	20.0	6.4	7.5
1950	10.5	9.6	21.1	24.1	19.5	***	27.6	29.2	20.6	20.5	7.7	8.3

* TOTAL DEATH AND LIVE BIRTH RATES PER 1,000 POPULATION.
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
MATERNAL DEATH RATE PER 10,000 LIVE BIRTHS.
** PROVISIONAL DATA.
***COMPARABLE UNITED STATES FETAL DEATH RATES ARE NOT AVAILABLE.

FIGURE C-1
CRUDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

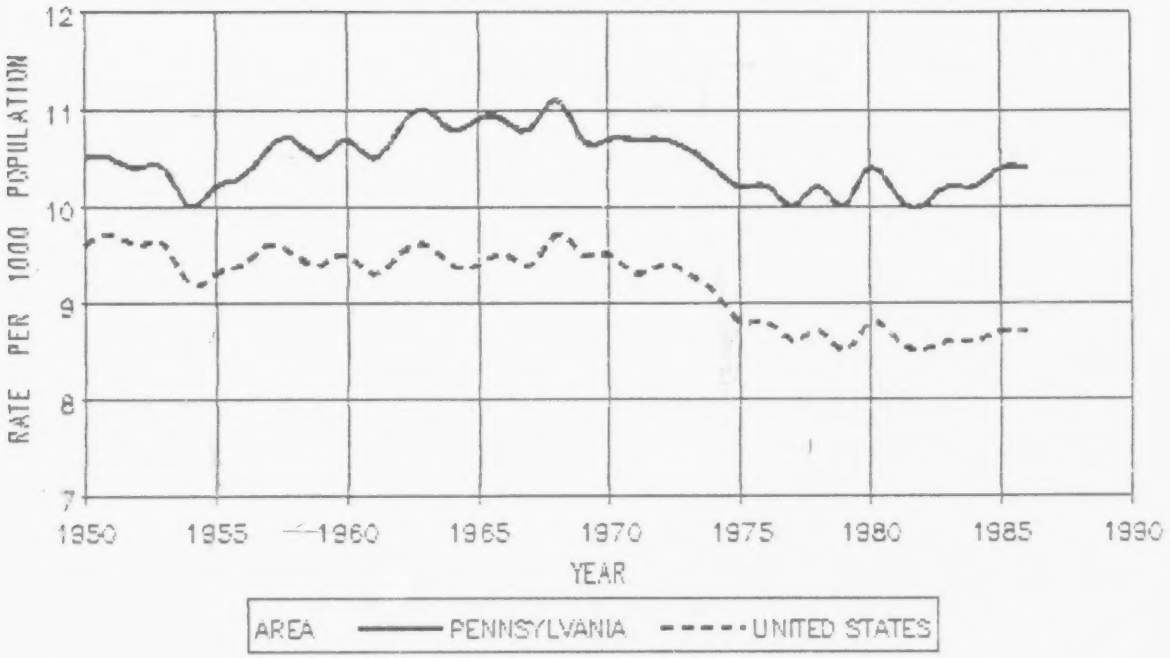


FIGURE C-2
INFANT AND NEONATAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

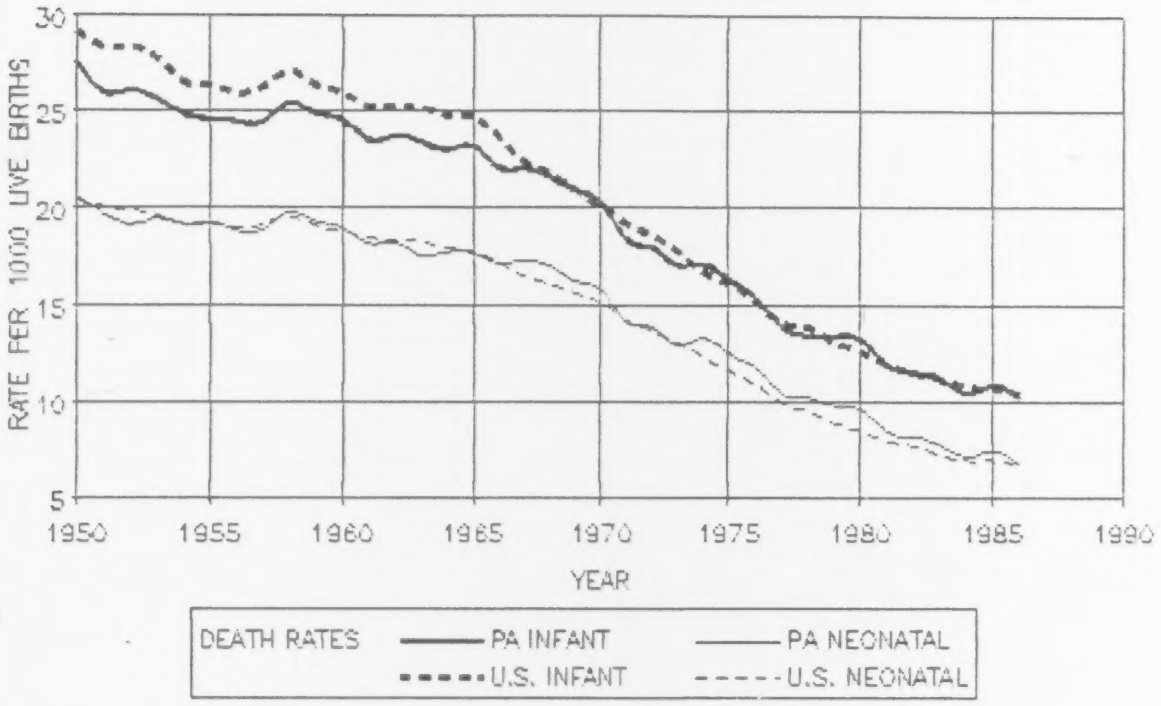


TABLE C-3
RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE*:
PENNSYLVANIA, 1986, 1980, 1970, 1960, 1950, 1940

AGE GROUP (IN YEARS)	1986		1980		1970		1960		1950		1940	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	123,852	10.4	123,233	10.4	126,564	10.7	121,163	10.7	110,212	10.5	111,977	11.3
UNDER 5	1,897	2.4	2,435	3.3	4,430	4.8	6,746	5.7	7,107	6.9	8,745	12.0
5-9	158	0.2	222	0.3	468	0.4	482	0.4	459	0.5	792	1.0
10-14	184	0.2	229	0.2	424	0.4	378	0.4	392	0.5	833	0.9
15-19	653	0.7	879	0.8	945	0.9	588	0.7	645	0.9	1,359	1.4
20-24	961	1.0	1,251	1.2	1,104	1.3	620	1.0	961	1.2	1,832	2.0
25-29	1,070	1.1	1,058	1.1	863	1.2	674	1.0	1,187	1.4	2,068	2.5
30-34	1,186	1.3	1,069	1.3	934	1.5	1,026	1.3	1,499	1.8	2,346	3.1
35-39	1,352	1.6	1,154	1.7	1,398	2.2	1,809	2.2	2,109	2.6	2,925	4.2
40-44	1,563	2.2	1,573	2.7	2,625	3.5	2,829	3.6	3,244	4.5	4,001	6.1
45-49	2,247	3.8	2,714	4.5	4,372	5.6	4,464	6.0	4,632	7.3	5,854	9.2
50-54	3,451	6.0	4,868	7.0	6,630	9.0	6,354	9.8	6,514	10.9	7,809	13.9
55-59	6,347	10.2	7,826	11.0	9,412	14.3	8,488	14.9	9,235	17.2	9,320	20.5
60-64	10,357	16.4	11,226	17.7	12,115	21.6	11,863	24.1	11,760	26.0	11,150	30.3
65-69	14,111	25.9	14,379	26.8	14,393	32.6	15,255	35.4	13,617	37.6	12,688	44.4
70-74	17,152	38.9	16,533	40.6	16,871	48.3	17,124	52.6	14,282	57.5	13,129	66.4
75-79	18,556	57.8	17,174	60.9	18,313	74.3	16,437	79.8	13,466	86.9	11,917	105.0
80-84	17,243	84.6	16,393	93.7	15,772	109.5	13,483	127.4	10,565	128.3	8,803	157.1
85+ **	25,364	122.8	22,250	171.2	15,495	169.2	12,543	206.5	8,538	217.1	6,406	260.8

* RATE PER 1,000 POPULATION IN EACH AGE GROUP.
**UNKNOWN AGE AT DEATH INCLUDED IN THE 85+ AGE GROUP.

FIGURE C-3
RESIDENT DEATH RATES BY AGE GROUP
PENNSYLVANIA, 1986

TABLE C-4A
RESIDENT DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1986

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	123,852	63,167	60,685	112,436	57,023	55,413	11,416	6,144	5,272
UNDER 5	1,897	1,107	790	1,354	799	555	543	308	235
5-9	158	80	78	129	64	65	29	16	13
10-14	184	118	66	169	109	60	15	9	6
15-19	653	477	176	573	413	160	80	64	16
20-24	961	722	239	826	627	199	135	95	40
25-29	1,070	778	292	835	609	226	235	169	66
30-34	1,186	836	350	911	640	271	275	196	79
35-39	1,352	911	441	1,051	706	345	301	205	96
40-44	1,563	976	587	1,228	769	459	335	207	128
45-49	2,247	1,396	851	1,810	1,135	675	437	261	176
50-54	3,451	2,093	1,358	2,864	1,747	1,117	587	346	241
55-59	6,347	3,930	2,417	5,531	3,440	2,091	816	490	326
60-64	10,357	6,312	4,045	9,129	5,601	3,528	1,228	711	517
65-69	14,111	8,267	5,844	12,806	7,537	5,269	1,305	730	575
70-74	17,152	9,675	7,477	15,782	8,956	6,826	1,370	719	651
75-79	18,556	9,557	8,999	17,260	8,930	8,330	1,296	627	669
80-84	17,243	7,632	9,611	16,155	7,146	9,009	1,088	486	602
85+ ***	25,364	8,300	17,064	24,023	7,795	16,228	1,341	505	836

TABLE C-4B
RESIDENT DEATH RATES BY AGE, RACE, AND SEX
PENNSYLVANIA, 1986

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	10.4	11.1	9.8	10.5	11.1	10.0	9.5	11.1	8.2
UNDER 5	2.4	2.7	2.0	2.0	2.3	1.7	5.0	5.6	4.4
5-9	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
10-14	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.1
15-19	0.7	1.0	0.4	0.7	1.0	0.4	0.7	1.2	0.3
20-24	1.0	1.5	0.5	1.0	1.4	0.5	1.2	1.7	0.7
25-29	1.1	1.6	0.6	0.9	1.4	0.5	2.1	3.2	1.1
30-34	1.3	1.8	0.7	1.1	1.5	0.6	2.9	4.4	1.6
35-39	1.6	2.2	1.0	1.4	1.9	0.9	3.6	5.4	2.1
40-44	2.2	2.9	1.6	1.9	2.5	1.4	5.0	7.0	3.4
45-49	3.8	4.9	2.7	3.3	4.3	2.4	7.7	10.7	5.5
50-54	6.0	7.7	4.5	5.5	7.0	4.1	11.4	15.7	8.1
55-59	10.2	13.5	7.2	9.6	12.8	6.9	15.9	22.5	11.0
60-64	15.4	22.0	11.7	15.6	21.0	11.1	25.8	35.4	18.7
65-69	25.9	35.1	18.9	25.2	34.2	18.4	35.2	48.0	26.2
70-74	38.9	53.6	28.7	38.3	52.9	28.1	47.1	64.2	36.4
75-79	57.8	78.7	45.1	57.5	78.5	44.7	62.5	82.2	51.1
80-84	84.6	107.5	72.3	85.0	108.3	72.6	78.6	97.6	67.9
85+ ***	122.8	127.8	120.5	124.5	129.2	122.3	99.1	109.4	93.7

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
** UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
***UNKNOWN AGE AT DEATH INCLUDED IN THE 85+ AGE GROUP.

NOTE: RATES PER 1,000 ESTIMATED 1986 POPULATION FOR EACH RACE AND SEX BY AGE GROUP.

TABLE C-5
AGE-ADJUSTED DEATH RATES* BY SEX,
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950, 1960, 1970-1986

YEAR	PENNSYLVANIA			UNITED STATES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
1986	5.5	7.1	4.3	5.4**	7.1**	4.1**
1985	5.6	7.2	4.3	5.5**	7.2**	4.1**
1984	5.6	7.2	4.3	5.5	7.2	4.1
1983	5.7	7.3	4.4	5.5	7.3	4.1
1982	5.7	7.4	4.3	5.5	7.3	4.1
1981	5.8	7.6	4.5	5.7	7.5	4.2
1980	6.1	8.0	4.7	5.9	7.8	4.3
1979	6.0	7.9	4.5	5.8	7.7	4.2
1978	6.2	8.1	4.7	6.0	7.9	4.4
1977	6.3	8.3	4.8	6.0	8.0	4.4
1976	6.5	8.5	4.9	6.2	8.2	4.6
1975	6.6	8.6	5.0	6.3	8.4	4.6
1974	6.8	8.9	5.2	6.6	8.7	4.9
1973	7.1	9.3	5.4	6.9	9.1	5.1
1972	7.2	9.3	5.6	7.0	9.2	5.2
1971	7.3	9.3	5.6	7.0	9.1	5.2
1970	7.5	9.5	5.8	7.1	9.3	5.3
1960	8.0	9.8	6.5	7.6	9.5	5.9
1950	8.9	10.3	7.6	8.4	10.0	6.9

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES ARE PER 1,000 POPULATION.
**PROVISIONAL.

FIGURE C-4
AGE-ADJUSTED DEATH RATES BY SEX
PENNSYLVANIA AND UNITED STATES, 1970-1986

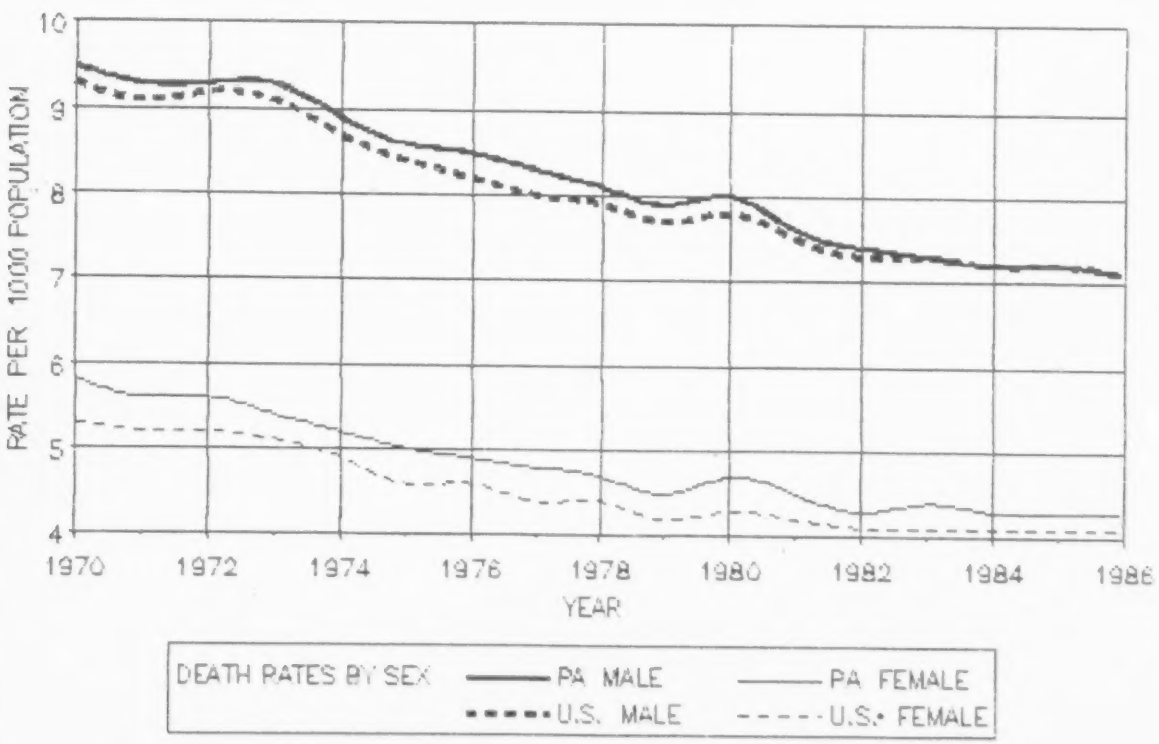


TABLE C-6
AGE-ADJUSTED DEATH RATES* BY RACE,
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950, 1960, 1970-1986

YEAR	PENNSYLVANIA			UNITED STATES		
	ALL RACES	WHITE	ALL OTHER RACES	ALL RACES	WHITE	ALL OTHER RACES
1986	5.5	5.5	6.0	5.4**	5.2**	6.8**
1985	5.6	5.5	6.2	5.5**	5.2**	6.9**
1984	5.6	5.5	6.0	5.5	5.2	7.0
1983	5.7	5.6	6.1	5.5	5.3	7.0
1982	5.7	5.6	6.1	5.6	5.3	7.0
1981	5.9	5.8	6.2	5.7	5.4	7.3
1980	6.1	6.1	6.7	5.9	5.6	7.7
1979	6.0	5.9	6.4	5.8	5.5	7.6
1978	6.2	6.1	6.8	6.0	5.7	7.8
1977	6.3	6.2	7.1	6.0	5.8	8.0
1976	6.5	6.4	7.1	6.2	5.9	8.2
1975	6.6	6.5	7.3	6.3	6.0	8.4
1974	6.8	6.7	7.9	6.6	6.3	8.9
1973	7.1	7.0	8.2	6.9	6.5	9.4
1972	7.2	7.1	8.5	7.0	6.6	9.6
1971	7.3	7.2	8.5	7.0	6.6	9.6
1970	7.5	7.3	8.7	7.1	6.8	9.8
1960	8.0	8.0	8.4	7.6	7.3	10.5
1950	8.9	8.9	10.6	8.4	8.0	12.3

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES ARE PER 1,000 POPULATION.
**PROVISIONAL.

FIGURE C-5
AGE-ADJUSTED DEATH RATES BY RACE
PENNSYLVANIA AND UNITED STATES, 1970-1986

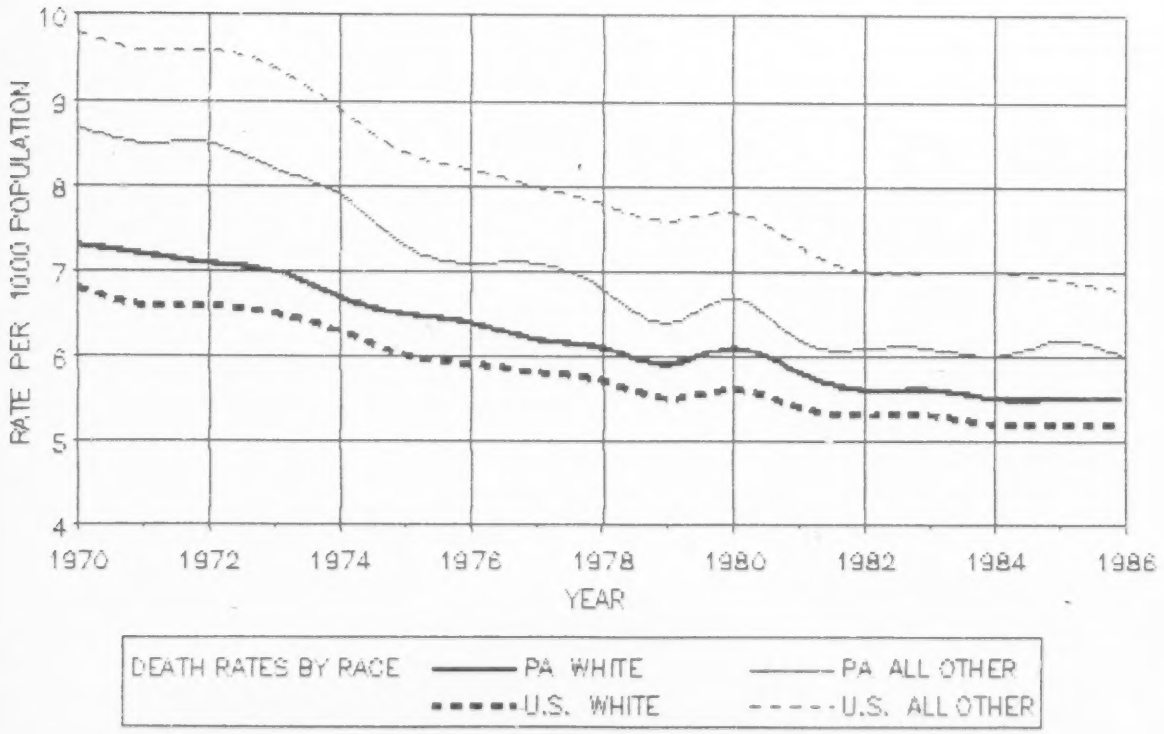


TABLE C-7
RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY RACE
NUMBER AND RATE*: PENNSYLVANIA, 1986

	INFANT DEATHS		NEONATAL DEATHS		POSTNEONATAL DEATHS	
RACE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL RACES	1,628	10.2	1,084	6.8	544	3.4
WHITE	1,154	8.6	764	5.7	390	2.9
ALL OTHER RACES	474	18.3	320	12.4	154	6.0

*RATE PER 1,000 LIVE BIRTHS FOR EACH RACE.

FIGURE C-6
RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATH
RATES BY RACE, PENNSYLVANIA, 1986

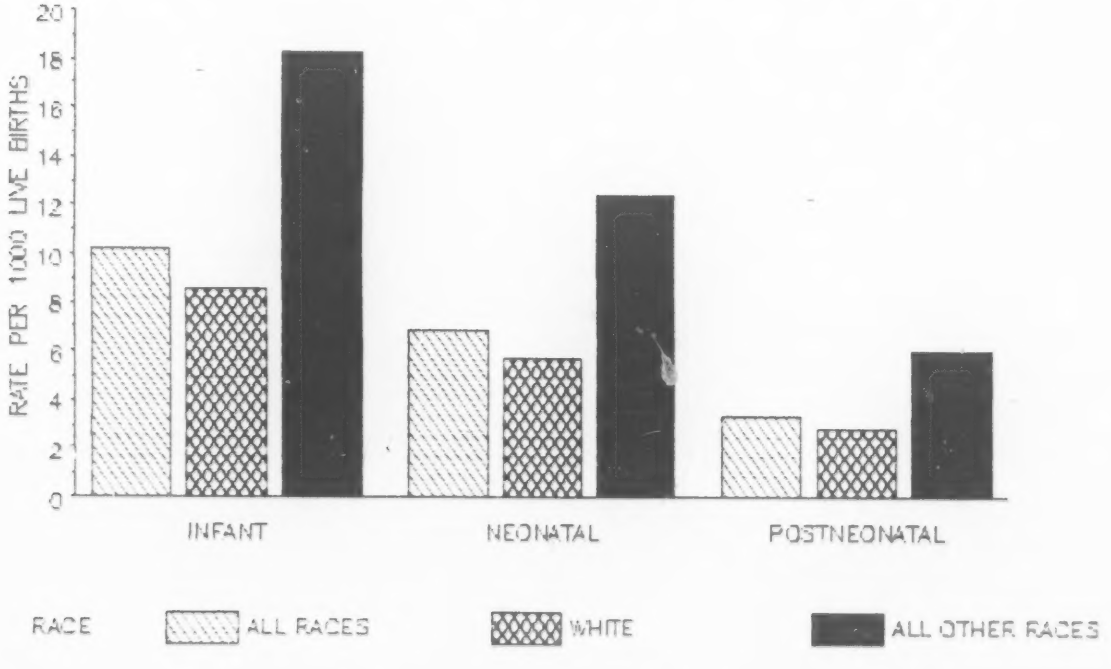


FIGURE C-7
VITAL EVENTS SUMMARY CHART

THE FOLLOWING FIGURES REPRESENT AN AVERAGE DAY OF VITAL EVENTS IN 1986 FOR PENNSYLVANIA RESIDENTS:

ESTIMATED POPULATION AS OF JULY 1, 1986	11,889,165

	NUMBER PER DAY
MARRIAGES*	240
DIVORCES*	109
LIVE BIRTHS	439
DEATHS	339

BY AGE AT DEATH	NUMBER PER DAY
LESS THAN 28 DAYS	3
28-364 DAYS	1
1-19 YEARS	3
20-34 YEARS	9
35-49 YEARS	14
50-64 YEARS	55
65-74 YEARS	86
75 AND OVER	168

BY CAUSE OF DEATH	NUMBER PER DAY
HEART DISEASE	131
CANCER	77
CEREBROVASCULAR DISEASE	22
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	12
ACCIDENTS, ALL FORMS	11
MOTOR VEHICLE	5
OTHER	6
PNEUMONIA AND INFLUENZA	10
DIABETES MELLITUS	7
ALL OTHER CAUSES	69

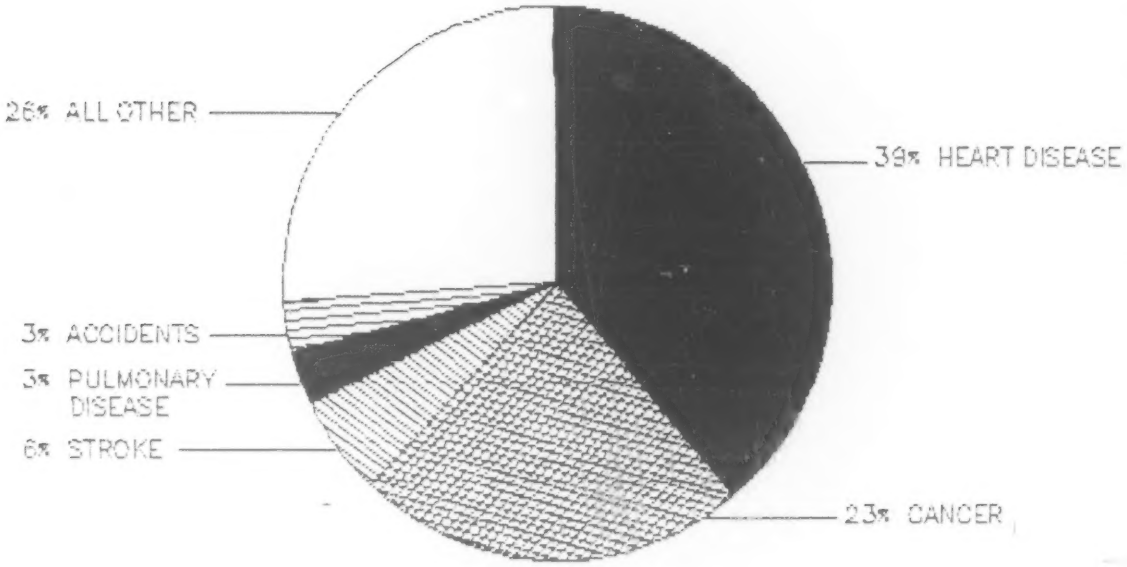
* FIGURES FOR MARRIAGES AND DIVORCES ARE OCCURRENCE DATA.

TABLE C-8
LEADING CAUSES OF DEATH,
PENNSYLVANIA RESIDENTS, 1986, 1980, 1970, 1960, 1950, 1940

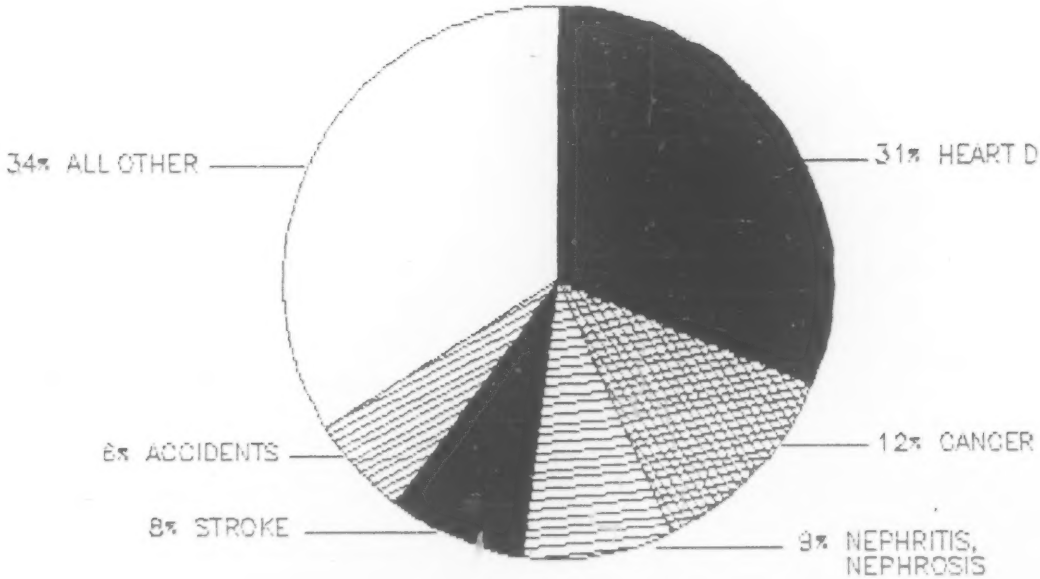
CAUSE OF DEATH*	1986		1980		1970		1960		1950		1940	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	123,852		123,233		126,564		121,163		110,212		111,977	
HEART DISEASE	47,991	1	50,677	1	52,476	1	51,431	1	43,793	1	34,333	1
NEOPLASMS, MALIGNANT	28,037	2	26,040	2	22,013	2	19,612	2	16,326	2	13,055	2
CEREBROVAS-CULAR DIS.	7,961	3	9,539	3	12,573	3	12,632	3	11,043	3	8,857	4
CHRONIC OBSTRUCTIVE PULMONARY DIS.	4,253	4	3,263	5	**		**		**		**	
ACCIDENTS, ALL FORMS	4,182	5	4,586	4	5,336	4	4,866	4	5,697	4	7,206	5
PNEUMONIA AND INFLUENZA	3,622	6	2,869	6	3,466	5	3,889	5	3,116	6	6,712	6
DIABETES MELLITUS	2,501	7	2,599	7	2,819	6	2,779	8	2,418	10	3,617	9
SEPTICEMIA	1,695	8	803		215		121		42		**	
NEPHRITIS AND NEPHROSIS	1,535	9	1,109		530		938		2,498	8	9,728	3
SUICIDE	1,443	10	1,317	10	1,337	10	1,099		1,001		1,312	
LIVER DISEASE AND CIRRHOSIS	1,234		1,625	9	1,846	9	1,321	9	1,099		950	
ATHEROSCLEROSIS	1,117		1,837	8	2,320	8	2,899	7	2,723	7	**	
PERINATAL CONDITIONS	829		1,194		2,391	7	3,820	6	3,835	5	3,679	8
CONGENITAL ANOMALIES	530		661		984		1,266	10	1,177		1,119	
TUBERCULOSIS, ALL FORMS	76		123		414		902		2,474	9	4,252	7
SYPHILIS AND SEQUELAE	8		9		36		242		402		1,325	10
ALL OTHER	16,838		15,785		18,023		13,466		12,603		15,788	

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975. THE ICD CODES USED FOR SYPHILIS AND SEQUELAE WERE 090-097. SEE TECHNICAL NOTES FOR ALL OTHER CAUSE OF DEATH ICD CODES.
**DATA NOT AVAILABLE.

FIGURE C—8
RESIDENT DEATHS, PERCENT BY FIVE LEADING CAUSES
PENNSYLVANIA, 1986 AND 1940



1986



1940

TABLE C-9
MEDIAN AGE AT DEATH FOR SELECTED LEADING CAUSES BY RACE AND SEX
PENNSYLVANIA RESIDENTS, 1986

CAUSE OF DEATH	MEDIAN AGE AT DEATH								
	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL CAUSES	74.8	71.9	78.0	75.3	72.5	78.5	67.6	64.9	70.9
HEART DISEASE	77.5	73.7	81.1	77.7	73.9	81.4	73.0	69.8	75.9
MALIGNANT NEOPLASMS	70.4	70.1	70.9	70.8	70.4	71.3	66.4	66.5	66.3
CEREBROVASCULAR DISEASE	79.7	76.6	81.7	80.1	77.0	82.1	72.8	71.1	74.3
CHRONIC OBSTR. PULM. DIS.	74.9	75.3	74.5	75.0	75.4	74.7	70.9	72.8	67.8
ACCIDENTS, ALL FORMS	43.2	35.5	65.4	43.5	35.1	66.5	41.6	40.0	48.0
NON-MOTOR VEHICLE	64.0	53.2	76.2	66.9	56.3	77.6	45.5	44.9	48.4
MOTOR VEHICLE	28.8	27.5	37.1	28.6	27.3	37.2	32.8	32.0	35.7
PNEUMONIA & INFLUENZA	82.3	79.7	84.1	82.6	80.1	84.4	75.2	72.2	78.5
DIABETES MELLITUS	74.1	71.7	75.7	74.6	72.2	76.2	70.0	66.9	72.2
SEPTICEMIA	78.6	76.0	80.5	79.1	76.8	81.3	75.7	71.4	77.5
NEPHRITIS, NEPHROSIS, ETC.	78.9	77.5	80.1	79.4	77.9	81.2	74.6	74.4	74.7
SUICIDE	41.7	39.6	48.8	43.1	41.5	49.0	33.6	33.6	31.6
LIVER DISEASE & CIRRHOSIS	63.7	62.9	66.1	64.7	63.5	67.5	53.0	53.8	51.9
ATHEROSCLEROSIS	86.0	83.0	87.6	86.1	83.0	87.7	82.1	78.8	85.5
AORTIC ANEURYSM	75.7	74.3	77.7	75.8	74.7	77.8	70.7	69.6	73.9
HOMICIDE & LEGAL INTERV.	31.6	30.5	36.3	34.1	32.2	40.4	30.1	29.9	33.6
PNEUMOCONIOSIS	76.3	76.3	-	76.3	76.3	-	-	-	-

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

NOTE: MEDIAN AGE FOR CATEGORIES WITH 10 DEATHS OR LESS ARE NOT CALCULATED AND ARE INDICATED WITH A DASH (-).

TABLE C-10A
SELECTED CAUSES OF DEATH BY AGE GROUP - BOTH SEXES
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	123,852		1,897		1,956		5,171		22,402		67,062		25,364	
HEART DISEASE	47,991	1	49	4	60	5	766	3	7,383	2	27,332	1	12,401	1
MALIGNANT NEOPLASMS	28,037	2	24	7	163	3	981	2	7,969	1	16,187	2	2,713	2
CEREBROVASCULAR DISEASE	7,961	3	8		19	7	145	7	860	3	4,549	3	2,380	3
CHRONIC OBSTR. PULM. DIS.	4,253	4	3		11	10	28		581	5	3,067	4	563	6
ACCIDENTS, ALL FORMS	4,182	5	132	3	996	1	1,002	1	648	4	976	7	428	9
NON-MOTOR VEHICLE	2,205		106		238		433		344		692		392	
MOTOR VEHICLE	1,977		26		758		569		304		284		36	
PNEUMONIA & INFLUENZA	3,622	6	35	5	17	8	65	9	246	9	1,835	5	1,424	4
DIABETES MELLITUS	2,501	7	1		4		81	8	504	7	1,496	6	415	10
SEPTICEMIA	1,695	8	23	8	8		31		216	10	964	8	453	7
NEPHRITIS, NEPHROSIS, ETC.	1,535	9	11	10	10		35		185		861	9	433	8
SUICIDE	1,443	10	0		223	2	553	4	373	8	266		28	
LIVER DISEASE & CIRRHOSIS	1,234		1		1		149	6	519	6	534		30	
ATHEROSCLEROSIS	1,117		0		0		6		39		461		611	5
AORTIC ANEURYSM	926		0		4		15		134		629	10	144	
PERINATAL CONDITIONS	829		828	1	1		0		0		0		0	
HOMICIDE & LEGAL INTERV.	658		27	6	156	4	309	5	105		54		7	
PNEUMOCONIOSIS	562		0		0		0		43		437		82	
CONGENITAL ANOMALIES	530		356	2	45	6	35		46		39		9	
HYPERTENSION	458		0		3		3		71		272		109	
BENIGN/UNSPEC. NEOPLASMS	420		10		16	9	19		90		226		59	
PARKINSONS DISEASE	352		0		0		0		17		243		92	
ULCERS OF STOMACH/DUODENUM	316		0		0		4		42		176		94	
HERNIA/INTESTINAL OBSTR.	271		6		2		5		29		130		99	
ANEMIAS	235		4		5		13		21		108		84	
NUTRITIONAL DEFICIENCIES	184		1		0		9		10		89		75	
GALL BLADDER DISORDERS	159		0		1		4		11		96		47	
DISEASES OF PANCREAS	121		0		2		13		39		54		13	
ALCOHOLISM	110		0		0		37	10	45		27		1	
VENOUS EMBOLISM & THROMB.	107		0		0		8		34		53		12	
MULTIPLE SCLEROSIS	97		0		2		11		52		31		1	
EPILEPSY	95		1		8		33		23		25		5	
TUBERCULOSIS	76		0		0		7		17		43		9	
INFECTIONS OF KIDNEY	67		0		0		0		8		32		27	
MENINGITIS	51		12	9	2		8		8		20		1	
ALL OTHER CAUSES	11,657		365		197		796		2,034		5,750		2,515	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10B
SELECTED CAUSES OF DEATH BY AGE GROUP - MALES
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	63,167		1,107		1,397		3,501		13,731		35,131		8,300	
HEART DISEASE	23,747	1	33	4	35	5	563	2	5,118	1	14,274	1	3,724	1
MALIGNANT NEOPLASMS	14,606	2	10	8	92	4	427	4	4,239	2	8,725	2	1,113	2
CEREBROVASCULAR DISEASE	3,129	3	4		8	8	78	7	449	4	1,976	3	614	3
CHRONIC OBSTR. PULM. DIS.	2,627	5	2		5		18		331	6	1,924	4	347	5
ACCIDENTS, ALL FORMS	2,768	4	82	3	754	1	786	1	458	3	534	7	154	8
NON-MOTOR VEHICLE	1,348		69		172		342		263		369		133	
MOTOR VEHICLE	1,420		13		582		444		195		165		21	
PNEUMONIA & INFLUENZA	1,703	6	21	5	8	8	41	9	145	9	958	5	530	4
DIABETES MELLITUS	988	8	0		2		48	8	256	8	581	6	101	10
SEPTICEMIA	763	10	14	7	2		15		126	10	464	8	142	9
NEPHRITIS, NEPHROSIS, ETC.	762		7	9	6	10	17		104		444	9	184	6
SUICIDE	1,168	7	0		194	2	458	3	276	7	217		23	
LIVER DISEASE & CIRRHOSIS	785	9	0		1		101	6	356	5	315		12	
ATHEROSCLEROSIS	400		0		0		5		21		207		167	7
AORTIC ANEURYSM	612		0		3		12		111		420		66	
PERINATAL CONDITIONS	505		504	1	1		0		0		0		0	
HOMICIDE & LEGAL INTERV.	476		15	6	116	3	243	5	76		24		2	
PNEUMOCONIOSIS	560		0		0		0		43		436	10	81	
CONGENITAL ANOMALIES	273		185	2	22	6	19		24		20		3	
HYPERTENSION	186		0		3		1		44		108		30	
BENIGN/UNSPEC. NEOPLASMS	188		5	10	10	7	13		47		82		31	
PARKINSONS DISEASE	198		0		0		0		14		143		41	
ULCERS OF STOMACH/DUODENUM	141		0		0		4		27		79		31	
HERNIA/INTESTINAL OBSTR.	98		4		2		3		16		50		23	
ANEMIAS	93		3		4		5		11		48		22	
NUTRITIONAL DEFICIENCIES	74		1		0		4		5		43		21	
GALL BLADDER DISORDERS	71		0		0		0		8		49		14	
DISEASES OF PANCREAS	60		0		1		7		25		25		2	
ALCOHOLISM	85		0		0		28	10	36		20		1	
VENOUS EMBOLISM & THROMB.	57		0		0		4		19		28		6	
MULTIPLE SCLEROSIS	37		0		0		4		26		7		0	
EPILEPSY	52		0		5		20		13		13		1	
TUBERCULOSIS	56		0		0		7		12		32		5	
INFECTIONS OF KIDNEY	21		0		0		0		3		12		6	
MENINGITIS	26		5	10	0		7		3		10		1	
ALL OTHER CAUSES	5,852		212		123		563		1,289		2,863		802	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10C
SELECTED CAUSES OF DEATH BY AGE GROUP - FEMALES
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986

	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
CAUSE OF DEATH	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	60,685		790		559		1,670		8,671		31,931		17,064	
HEART DISEASE	24,244	1	16	4	25	5	203	3	2,265	2	13,058	1	8,677	1
MALIGNANT NEOPLASMS	13,431	2	14	5	71	2	554	1	3,730	1	7,462	2	1,600	3
CEREBROVASCULAR DISEASE	4,832	3	4		11	7	67	5	411	3	2,573	3	1,766	2
CHRONIC OBSTR. PULM. DIS.	1,626	5	1		6	9	10		250	4	1,143	4	216	10
ACCIDENTS, ALL FORMS	1,414	7	50	3	242	1	216	2	190	6	442	8	274	8
NON-MOTOR VEHICLE	857		37		66		91		81		323		259	
MOTOR VEHICLE	557		13		176		125		109		119		15	
PNEUMONIA & INFLUENZA	1,919	4	14	5	9	8	24	9	101	8	877	6	894	4
DIABETES MELLITUS	1,513	6	1		2		33	8	248	5	915	5	314	6
SEPTICEMIA	932	8	9	8	6	9	16		90	10	500	7	311	7
NEPHRITIS, NEPHROSIS, ETC.	773	9	4		4		18	10	81		417	9	249	9
SUICIDE	275		0		29	4	95	4	97	9	49		5	
LIVER DISEASE & CIRRHOSIS	449		1		0		48	7	163	7	219		18	
ATHEROSCLEROSIS	717	10	0		0		1		18		254	10	444	5
AORTIC ANEURYSM	314		0		1		3		23		209		78	
PERINATAL CONDITIONS	324		324	1	0		0		0		0		0	
HOMICIDE & LEGAL INTERV.	182		12	7	40	3	66	6	29		30		5	
PNEUMOCONIOSIS	2		0		0		0		0		1		1	
CONGENITAL ANOMALIES	257		171	2	23	6	16		22		19		6	
HYPERTENSION	272		0		0		2		27		164		79	
BENIGN/UNSPEC. NEOPLASMS	232		5	10	6	9	6		43		144		28	
PARKINSONS DISEASE	154		0		0		0		3		100		51	
ULCERS OF STOMACH/DUODENUM	175		0		0		0		15		97		63	
HERNIA/INTESTINAL OBSTR.	173		2		0		2		13		80		76	
ANEMIAS	142		1		1		8		10		60		62	
NUTRITIONAL DEFICIENCIES	110		0		0		5		5		46		54	
GALL BLADDER DISORDERS	88		0		1		4		3		47		33	
DISEASES OF PANCREAS	61		0		1		6		14		29		11	
ALCOHOLISM	25		0		0		9		9		7		0	
VENOUS EMBOLISM & THROMB.	50		0		0		4		15		25		6	
MULTIPLE SCLEROSIS	60		0		2		7		26		24		1	
EPILEPSY	43		1		3		13		10		12		4	
TUBERCULOSIS	20		0		0		0		5		11		4	
INFECTIONS OF KIDNEY	46		0		0		0		5		20		21	
MENINGITIS	25		7	9	2		1		5		10		0	
ALL OTHER CAUSES	5,805		153		74		233		745		2,887		1,713	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10D
SELECTED CAUSES OF DEATH BY AGE GROUP - WHITE POPULATION
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986

	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
CAUSE OF DEATH	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	112,436		1,354		1,697		4,025		19,334		62,003		24,023	
HEART DISEASE	44,946	1	34	4	44	5	631	3	6,648	2	25,702	1	11,887	1
MALIGNANT NEOPLASMS	25,442	2	20	6	140	3	839	2	6,970	1	14,912	2	2,561	2
CEREBROVASCULAR DISEASE	7,280	3	5		15	7	105	6	695	3	4,190	3	2,270	3
CHRONIC OBSTR. PULM. DIS.	4,029	4	2		9	10	22		521	5	2,933	4	542	6
ACCIDENTS, ALL FORMS	3,742	5	96	3	931	1	871	1	557	4	887	7	400	7
NON-MOTOR VEHICLE	1,887		74		206		343		280		618		366	
MOTOR VEHICLE	1,855		22		725		528		277		269		34	
PNEUMONIA & INFLUENZA	3,341	6	28	5	15	7	44	9	203	9	1,686	5	1,365	4
DIABETES MELLITUS	2,246	7	1		3		68	8	432	7	1,352	6	390	10
SEPTICEMIA	1,396	8	20	6	8		20		152	10	803	8	393	8
NEPHRITIS, NEPHROSIS, ETC.	1,340	9	8	10	8		17		147		768	9	392	9
SUICIDE	1,330	10	0		205	2	487	4	354	8	256		28	
LIVER DISEASE & CIRRHOSIS	1,088		1		1		103	7	448	6	507		28	
ATHEROSCLEROSIS	1,070		0		0		5		35		439		591	5
AORTIC ANEURYSM	881		0		4		14		119		607	10	137	
PERINATAL CONDITIONS	550		549	1	1		0		0		0		0	
HOMICIDE & LEGAL INTERV.	330		11	8	82	4	136	5	50		46		5	
PNEUMOCONIOSIS	552		0		0		0		41		430		81	
CONGENITAL ANOMALIES	449		297	2	36	6	28	10	43		36		9	
HYPERTENSION	393		0		1		2		54		233		103	
BENIGN/UNSPEC. NEOPLASMS	388		8	10	15	7	17		79		214		55	
PARKINSONS DISEASE	341		0		0		0		17		234		90	
ULCERS OF STOMACH/DUODENUM	291		0		0		4		37		161		89	
HERNIA/INTESTINAL OBSTR.	239		6		2		4		25		113		89	
ANEMIAS	204		1		2		5		17		100		79	
NUTRITIONAL DEFICIENCIES	161		0		0		8		9		72		72	
GALL BLADDER DISORDERS	151		0		1		3		10		91		46	
DISEASES OF PANCREAS	111		0		2		13		30		53		13	
ALCOHOLISM	67		0		0		14		29		23		1	
VENOUS EMBOLISM & THROMB.	93		0		0		4		27		50		12	
MULTIPLE SCLEROSIS	89		0		1		8		48		31		1	
EPILEPSY	75		1		5		27		19		18		5	
TUBERCULOSIS	55		0		0		3		10		35		7	
INFECTIONS OF KIDNEY	63		0		0		0		8		28		27	
MENINGITIS	43		11	8	2		4		5		20		1	
ALL OTHER CAUSES	9,660		255		164		519		1,495		4,973		2,254	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10E
SELECTED CAUSES OF DEATH BY AGE GROUP - FOR RACES OTHER THAN WHITE
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1986

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	11,416		543		259		1,146		3,068		5,059		1,341	
HEART DISEASE	3,045	1	15	5	16	5	135	3	735	2	1,630	1	514	1
MALIGNANT NEOPLASMS	2,595	2	4	7	23	3	142	2	999	1	1,275	2	152	2
CEREBROVASCULAR DISEASE	681	3	3	8	4	7	40	7	165	3	359	3	110	3
CHRONIC OBSTR. PULM. DIS.	224	10	1		2	10	6		60	8	134	7	21	9
ACCIDENTS, ALL FORMS	440	4	36	3	65	2	131	4	91	4	89	9	28	7
NON-MOTOR VEHICLE	318		32		32		90		64		74		26	
MOTOR VEHICLE	122		4		33		41		27		15		2	
PNEUMONIA & INFLUENZA	281	7	7	6	2	10	21	9	43	10	149	5	59	5
DIABETES MELLITUS	255	9	0		1		13		72	5	144	6	25	8
SEPTICEMIA	299	6	3	8	0		11		64	7	161	4	60	4
NEPHRITIS, NEPHROSIS, ETC.	195		3	8	2	10	18	10	38		93	8	41	6
SUICIDE	113		0		18	4	66	5	19		10		0	
LIVER DISEASE & CIRRHOSIS	146		0		0		46	6	71	6	27		2	
ATHEROSCLEROSIS	47		0		0		1		4		22		20	10
AORTIC ANEURYSM	45		0		0		1		15		22		7	
PERINATAL CONDITIONS	279	8	279	1	0		0		0		0		0	
HOMICIDE & LEGAL INTERV.	328	5	16	4	74	1	173	1	55	9	8		2	
PNEUMOCONIOSIS	10		0		0		0		2		7		1	
CONGENITAL ANOMALIES	81		59	2	9	6	7		3		3		0	
HYPERTENSION	65		0		2	10	1		17		39	10	6	
BENIGN/UNSPEC. NEOPLASMS	32		2		1		2		11		12		4	
PARKINSONS DISEASE	11		0		0		0		0		9		2	
ULCERS OF STOMACH/DUODENUM	25		0		0		0		5		15		5	
HERNIA/INTESTINAL OBSTR.	32		0		0		1		4		17		10	
ANEMIAS	31		3	8	3	8	8		4		8		5	
NUTRITIONAL DEFICIENCIES	23		1		0		1		1		17		3	
GALL BLADDER DISORDERS	8		0		0		1		1		5		1	
DISEASES OF PANCREAS	10		0		0		0		9		1		0	
ALCOHOLISM	43		0		0		23	8	16		4		0	
VENOUS EMBOLISM & THROMB.	14		0		0		4		7		3		0	
MULTIPLE SCLEROSIS	8		0		1		3		4		0		0	
EPILEPSY	20		0		3	8	6		4		7		0	
TUBERCULOSIS	21		0		0		4		7		8		2	
INFECTIONS OF KIDNEY	4		0		0		0		0		4		0	
MENINGITIS	8		1		0		4		3		0		0	
ALL OTHER CAUSES	1,997		110		33		277		539		777		261	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-11A
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - BOTH SEXES, PENNSYLVANIA, 1986

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	1,041.7	238.2	56.7	147.7	923.1	4,438.2	12,279.6
HEART DISEASE	403.7	6.2	1.7	21.9	304.2	1,808.8	6,003.8
MALIGNANT NEOPLASMS	235.8	3.0	4.7	28.0	328.4	1,071.3	1,313.5
CEREBROVASCULAR DISEASE	67.0	1.0	0.6	4.1	35.4	301.1	1,152.2
CHRONIC OBSTR. PULM. DIS.	35.8	0.4	0.3	0.8	23.9	203.0	272.6
ACCIDENTS, ALL FORMS	35.2	16.6	28.9	28.6	26.7	64.6	207.2
NON-MOTOR VEHICLE	18.5	13.3	6.9	12.4	14.2	45.8	189.8
MOTOR VEHICLE	16.6	3.3	22.0	16.3	12.5	18.8	17.4
PNEUMONIA & INFLUENZA	30.5	4.4	0.5	1.9	10.1	121.4	689.4
DIABETES MELLITUS	21.0	0.1	0.1	2.3	20.8	99.0	200.9
SEPTICEMIA	14.3	2.9	0.2	0.9	8.9	63.8	219.3
NEPHRITIS, NEPHROSIS, ETC.	12.9	1.4	0.3	1.0	7.6	57.0	209.6
SUICIDE	12.1	-	6.5	15.8	15.4	17.6	13.6
LIVER DISEASE & CIRRHOSIS	10.4	0.1	0.0	4.3	21.4	35.3	14.5
ATHEROSCLEROSIS	9.4	-	-	0.2	1.6	30.5	295.8
AORTIC ANEURYSM	7.8	-	0.1	0.4	5.5	41.6	69.7
PERINATAL CONDITIONS	7.0	104.0	0.0	-	-	-	-
HOMICIDE & LEGAL INTERV.	5.5	3.4	4.5	8.8	4.3	3.6	3.4
PNEUMOCONIOSIS	4.7	-	-	-	1.8	28.9	39.7
CONGENITAL ANOMALIES	4.5	44.7	1.3	1.0	1.9	2.6	4.4
HYPERTENSION	3.9	-	0.1	0.1	2.9	18.0	52.8
BENIGN/UNSPEC. NEOPLASMS	3.5	1.3	0.5	0.5	3.7	15.0	28.6
PARKINSONS DISEASE	3.0	-	-	-	0.7	16.1	44.5
ULCERS OF STOMACH/DUODENUM	2.7	-	-	0.1	1.7	11.6	45.5
HERNIA/INTESTINAL OBSTR.	2.3	0.8	0.1	0.1	1.2	8.6	47.9
ANEMIAS	2.0	0.5	0.1	0.4	0.9	7.1	40.7
NUTRITIONAL DEFICIENCIES	1.5	0.1	-	0.3	0.4	5.9	36.3
GALL BLADDER DISORDERS	1.3	-	0.0	0.1	0.5	6.4	22.8
DISEASES OF PANCREAS	1.0	-	0.1	0.4	1.6	3.6	6.3
ALCOHOLISM	0.9	-	-	1.1	1.9	1.8	0.5
VENOUS EMBOLISM & THROMB.	0.9	-	-	0.2	1.4	3.5	5.8
MULTIPLE SCLEROSIS	0.8	-	0.1	0.3	2.1	2.1	0.5
EPILEPSY	0.8	0.1	0.2	0.9	0.9	1.7	2.4
TUBERCULOSIS	0.6	-	-	0.2	0.7	2.8	4.4
INFECTIONS OF KIDNEY	0.6	-	-	-	0.3	2.1	13.1
MENINGITIS	0.4	1.5	0.1	0.2	0.3	1.3	0.5
ALL OTHER CAUSES	98.0	45.8	5.7	22.7	83.8	380.5	1,217.6

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGES AT DEATH INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11B
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - MALES, PENNSYLVANIA, 1986

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	1,111.3	271.0	79.9	203.7	1,209.8	5,771.7	12,782.0
HEART DISEASE	417.8	8.1	2.0	32.8	450.9	2,345.1	5,735.0
MALIGNANT NEOPLASMS	257.0	2.4	5.3	24.8	373.5	1,433.4	1,714.0
CEREBROVASCULAR DISEASE	55.1	1.0	0.5	4.5	39.6	324.6	945.6
CHRONIC OBSTR. PULM. DIS.	46.2	0.5	0.3	1.0	29.2	316.1	534.4
ACCIDENTS, ALL FORMS	48.7	20.1	43.1	45.7	40.4	87.7	237.2
NON-MOTOR VEHICLE	23.7	16.9	9.8	19.9	23.2	60.6	204.8
MOTOR VEHICLE	25.0	3.2	33.3	25.8	17.2	27.1	32.3
PNEUMONIA & INFLUENZA	30.0	5.1	0.5	2.4	12.8	157.4	816.2
DIABETES MELLITUS	17.4	-	0.1	2.8	22.6	95.5	155.5
SEPTICEMIA	13.4	3.4	0.1	0.9	11.1	76.2	218.7
NEPHRITIS, NEPHROSIS, ETC.	13.4	1.7	0.3	1.0	9.2	72.9	283.4
SUICIDE	20.5	-	11.1	26.6	24.3	35.7	35.4
LIVER DISEASE & CIRRHOSIS	13.8	-	0.1	5.9	31.4	51.8	18.5
ATHEROSCLEROSIS	7.0	-	-	0.3	1.9	34.0	257.2
AORTIC ANEURYSM	10.8	-	0.2	0.7	9.8	69.0	101.6
PERINATAL CONDITIONS	8.9	123.4	0.1	-	-	-	-
HOMICIDE & LEGAL INTERV.	8.4	3.7	6.6	14.1	6.7	3.9	3.1
PNEUMOCONIOSIS	9.9	-	-	-	3.8	71.6	124.7
CONGENITAL ANOMALIES	4.8	45.3	1.3	1.1	2.1	3.3	4.6
HYPERTENSION	3.3	-	0.2	0.1	3.9	17.7	46.2
BENIGN/UNSPEC. NEOPLASMS	3.3	1.2	0.6	0.8	4.1	13.5	47.7
PARKINSONS DISEASE	3.5	-	-	-	1.2	23.5	63.1
ULCERS OF STOMACH/DUODENUM	2.5	-	-	0.2	2.4	13.0	47.7
HERNIA/INTESTINAL OBSTR.	1.7	1.0	0.1	0.2	1.4	8.2	35.4
ANEMIAS	1.6	0.7	0.2	0.3	1.0	7.9	33.9
NUTRITIONAL DEFICIENCIES	1.3	0.2	-	0.2	0.4	7.1	32.3
GALL BLADDER DISORDERS	1.2	-	-	-	0.7	8.1	21.6
DISEASES OF PANCREAS	1.1	-	0.1	0.4	2.2	4.1	3.1
ALCOHOLISM	1.5	-	-	1.6	3.2	3.3	1.5
VENOUS EMBOLISM & THROMB.	1.0	-	-	0.2	1.7	4.6	9.2
MULTIPLE SCLEROSIS	0.7	-	-	0.2	2.3	1.2	-
EPILEPSY	0.9	-	0.3	1.2	1.1	2.1	1.5
TUBERCULOSIS	1.0	-	-	0.4	1.1	5.3	7.7
INFECTIONS OF KIDNEY	0.4	-	-	-	0.3	2.0	9.2
MENINGITIS	0.5	1.2	-	0.4	0.3	1.6	1.5
ALL OTHER CAUSES	103.0	51.9	7.0	32.8	113.6	470.4	1,235.1

* RATE PER 100,000 ESTIMATED 1986 MALE POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11C
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - FEMALES, PENNSYLVANIA, 1986

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	977.9	203.6	32.9	93.7	671.2	3,538.6	12,049.2
HEART DISEASE	390.7	4.1	1.5	11.4	175.3	1,447.1	6,127.0
MALIGNANT NEOPLASMS	216.4	3.6	4.2	31.1	288.7	826.9	1,129.8
CEREBROVASCULAR DISEASE	77.9	1.0	0.6	3.8	31.8	285.1	1,247.0
CHRONIC OBSTR. PULM. DIS.	26.2	0.3	0.4	0.6	19.4	126.7	152.5
ACCIDENTS, ALL FORMS	22.8	12.9	14.2	12.1	14.7	49.0	193.5
NON-MOTOR VEHICLE	13.8	9.5	3.9	5.1	6.3	35.8	182.9
MOTOR VEHICLE	9.0	3.3	10.4	7.0	8.4	13.2	10.6
PNEUMONIA & INFLUENZA	30.9	3.6	0.5	1.3	7.8	97.2	631.3
DIABETES MELLITUS	24.4	0.3	0.1	1.9	19.2	101.4	221.7
SEPTICEMIA	15.0	2.3	0.4	0.9	7.0	55.4	219.6
NEPHRITIS, NEPHROSIS, ETC.	12.5	1.0	0.2	1.0	6.3	46.2	175.8
SUICIDE	4.4	-	1.7	5.3	7.5	5.4	3.5
LIVER DISEASE & CIRRHOSIS	7.2	0.3	-	2.7	12.6	24.3	12.7
ATHEROSCLEROSIS	11.6	-	-	0.1	1.4	28.1	313.5
AORTIC ANEURYSM	5.1	-	0.1	0.2	1.8	23.2	55.1
PERINATAL CONDITIONS	5.2	83.5	-	-	-	-	-
HOMICIDE & LEGAL INTERV.	2.9	3.1	2.4	3.7	2.2	3.3	3.5
PNEUMOCONIOSIS	0.0	-	-	-	-	0.1	0.7
CONGENITAL ANOMALIES	4.1	44.1	1.4	0.9	1.7	2.1	4.2
HYPERTENSION	4.4	-	-	0.1	2.1	18.2	55.8
BENIGN/UNSPEC. NEOPLASMS	3.7	1.3	0.4	0.3	3.3	16.0	19.8
PARKINSONS DISEASE	2.5	-	-	-	0.2	11.1	36.0
ULCERS OF STOMACH/DUODENUM	2.8	-	-	-	1.2	10.7	44.5
HERNIA/INTESTINAL OBSTR.	2.8	0.5	-	0.1	1.0	8.9	53.7
ANEMIAS	2.3	0.3	0.1	0.4	0.8	6.6	43.8
NUTRITIONAL DEFICIENCIES	1.8	-	-	0.3	0.4	5.1	38.1
GALL BLADDER DISORDERS	1.4	-	0.1	0.2	0.2	5.2	23.3
DISEASES OF PANCREAS	1.0	-	0.1	0.3	1.1	3.2	7.8
ALCOHOLISM	0.4	-	-	0.5	0.7	0.8	-
VENOUS EMBOLISM & THROMB.	0.8	-	-	0.2	1.2	2.8	4.2
MULTIPLE SCLEROSIS	1.0	-	0.1	0.4	2.0	2.7	0.7
EPILEPSY	0.7	0.3	0.2	0.7	0.8	1.3	2.8
TUBERCULOSIS	0.3	-	-	-	0.4	1.2	2.8
INFECTIONS OF KIDNEY	0.7	-	-	-	0.4	2.2	14.8
MENINGITIS	0.4	1.8	0.1	0.1	0.4	1.1	-
ALL OTHER CAUSES	93.5	39.4	4.4	13.1	57.7	319.9	1,209.6

* RATE PER 100,000 ESTIMATED 1986 FEMALE POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11D
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - WHITE POPULATION, PENNSYLVANIA, 1986

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	1,051.9	196.6	55.9	128.0	871.0	4,396.5	12,445.7
HEART DISEASE	420.5	4.9	1.5	20.1	299.5	1,822.5	6,158.4
MALIGNANT NEOPLASMS	238.0	2.9	4.6	26.7	314.0	1,057.4	1,326.8
CEREBROVASCULAR DISEASE	68.1	0.7	0.5	3.3	31.3	297.1	1,176.0
CHRONIC OBSTR. PULM. DIS.	37.7	0.3	0.3	0.7	23.5	208.0	280.8
ACCIDENTS, ALL FORMS	35.0	13.9	30.7	27.7	25.1	62.9	207.2
NON-MOTOR VEHICLE	17.7	10.7	6.8	10.9	12.6	43.8	189.6
MOTOR VEHICLE	17.4	3.2	23.9	16.8	12.5	19.1	17.6
PNEUMONIA & INFLUENZA	31.3	4.1	0.5	1.4	9.1	119.6	707.2
DIABETES MELLITUS	21.0	0.1	0.1	2.2	19.5	95.9	202.0
SEPTICEMIA	13.1	2.9	0.3	0.6	6.8	56.9	203.6
NEPHRITIS, NEPHROSIS, ETC.	12.5	1.2	0.3	0.5	6.6	54.5	203.1
SUICIDE	12.4	-	6.8	15.5	15.9	18.2	14.5
LIVER DISEASE & CIRRHOSIS	10.2	0.1	0.0	3.3	20.2	36.0	14.5
ATHEROSCLEROSIS	10.0	-	-	0.2	1.6	31.1	306.2
AORTIC ANEURYSM	8.2	-	0.1	0.4	5.4	43.0	71.0
PERINATAL CONDITIONS	5.1	79.7	0.0	-	-	-	-
HOMICIDE & LEGAL INTERV.	3.1	1.6	2.7	4.3	2.3	3.3	2.6
PNEUMOCONIOSIS	5.2	-	-	-	1.8	30.5	42.0
CONGENITAL ANOMALIES	4.2	43.1	1.2	0.9	1.9	2.6	4.7
HYPERTENSION	3.7	-	0.0	0.1	2.4	16.5	53.4
BENIGN/UNSPEC. NEOPLASMS	3.6	1.2	0.5	0.5	3.6	15.2	28.5
PARKINSONS DISEASE	3.2	-	-	-	0.8	16.6	46.6
ULCERS OF STOMACH/DUODENUM	2.7	-	-	0.1	1.7	11.4	46.1
HERNIA/INTESTINAL OBSTR.	2.2	0.9	0.1	0.1	1.1	8.0	46.1
ANEMIAS	1.9	0.1	0.1	0.2	0.8	7.1	40.9
NUTRITIONAL DEFICIENCIES	1.5	-	-	0.3	0.4	5.1	37.3
GALL BLADDER DISORDERS	1.4	-	0.0	0.1	0.5	6.5	23.8
DISEASES OF PANCREAS	1.0	-	0.1	0.4	1.4	3.8	6.7
ALCOHOLISM	0.6	-	-	0.4	1.3	1.6	0.5
VENOUS EMBOLISM & THROMB.	0.9	-	-	0.1	1.2	3.5	6.2
MULTIPLE SCLEROSIS	0.8	-	0.0	0.3	2.2	2.2	0.5
EPILEPSY	0.7	0.1	0.2	0.9	0.9	1.3	2.6
TUBERCULOSIS	0.5	-	-	0.1	0.5	2.5	3.6
INFECTIONS OF KIDNEY	0.6	-	-	-	0.4	2.0	14.0
MENINGITIS	0.4	1.6	0.1	0.1	0.2	1.4	0.5
ALL OTHER CAUSES	90.4	37.0	5.4	16.5	67.4	352.6	1,167.7

* RATE PER 100,000 ESTIMATED 1986 WHITE POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11E
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - FOR RACES OTHER THAN WHITE, PENNSYLVANIA, 1986

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	951.5	504.2	62.6	321.3	1,480.5	5,021.2	9,909.8
HEART DISEASE	253.8	13.9	3.9	37.8	354.7	1,617.8	3,798.4
MALIGNANT NEOPLASMS	216.3	3.7	5.6	39.8	482.1	1,265.5	1,123.3
CEREBROVASCULAR DISEASE	56.8	2.8	1.0	11.2	79.6	356.3	812.9
CHRONIC OBSTR. PULM. DIS.	18.7	0.9	0.5	1.7	29.0	133.0	155.2
ACCIDENTS, ALL FORMS	36.7	33.4	15.7	36.7	43.9	88.3	206.9
NON-MOTOR VEHICLE	26.5	29.7	7.7	25.2	30.9	73.4	192.1
MOTOR VEHICLE	10.2	3.7	8.0	11.5	13.0	14.9	14.8
PNEUMONIA & INFLUENZA	23.4	6.5	0.5	5.9	20.7	147.9	436.0
DIABETES MELLITUS	21.3	-	0.2	3.6	34.7	142.9	184.7
SEPTICEMIA	24.9	2.8	-	3.1	30.9	159.8	443.4
NEPHRITIS, NEPHROSIS, ETC.	16.3	2.8	0.5	5.0	18.3	92.3	303.0
SUICIDE	9.4	-	4.3	18.5	9.2	9.9	-
LIVER DISEASE & CIRRHOSIS	12.2	-	-	12.9	34.3	26.8	14.8
ATHEROSCLEROSIS	3.9	-	-	0.3	1.9	21.8	147.8
AORTIC ANEURYSM	3.8	-	-	0.3	7.2	21.8	51.7
PERINATAL CONDITIONS	23.3	259.1	-	-	-	-	-
HOMICIDE & LEGAL INTERV.	27.3	14.9	17.9	48.5	26.5	7.9	14.8
PNEUMOCONIOSIS	0.8	-	-	-	1.0	6.9	7.4
CONGENITAL ANOMALIES	6.8	54.8	2.2	2.0	1.4	3.0	-
HYPERTENSION	5.4	-	0.5	0.3	8.2	38.7	44.3
BENIGN/UNSPEC. NEOPLASMS	2.7	1.9	0.2	0.6	5.3	11.9	29.6
PARKINSONS DISEASE	0.9	-	-	-	-	8.9	14.8
ULCERS OF STOMACH/DUODENUM	2.1	-	-	-	2.4	14.9	36.9
HERNIA/INTESTINAL OBSTR.	2.7	-	-	0.3	1.9	16.9	73.9
ANEMIAS	2.6	2.8	0.7	2.2	1.9	7.9	36.9
NUTRITIONAL DEFICIENCIES	1.9	0.9	-	0.3	0.5	16.9	22.2
GALL BLADDER DISORDERS	0.7	-	-	0.3	0.5	5.0	7.4
DISEASES OF PANCREAS	0.8	-	-	-	4.3	1.0	-
ALCOHOLISM	3.6	-	-	6.4	7.7	4.0	-
VENOUS EMBOLISM & THROMB.	1.2	-	-	1.1	3.4	3.0	-
MULTIPLE SCLEROSIS	0.7	-	0.2	0.8	1.9	-	-
EPILEPSY	1.7	-	0.7	1.7	1.9	6.9	-
TUBERCULOSIS	1.8	-	-	1.1	3.4	7.9	14.8
INFECTIONS OF KIDNEY	0.3	-	-	-	-	4.0	-
MENINGITIS	0.7	0.9	-	1.1	1.4	-	-
ALL OTHER CAUSES	166.4	102.1	8.0	77.7	260.1	771.2	1,928.8

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR RACES OTHER THAN WHITE FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-12
AGE-ADJUSTED DEATH RATES* FOR SELECTED CAUSES OF DEATH
PENNSYLVANIA RESIDENTS, 1986 AND FIVE YEAR SUMMARY, 1982-1986
AND UNITED STATES, 1986

CAUSE OF DEATH	PENNSYLVANIA 1986	PENNSYLVANIA 1982-1986	UNITED STATES 1986
ALL CAUSES	552.1	559.8	540.2
HEART DISEASE	187.3	198.3	175.4
MALIGNANT NEOPLASMS	140.4	139.8	132.5
CEREBROVASCULAR DISEASE	28.7	31.0	30.4
CHRONIC OBSTR. PULM. DIS.	17.8	16.2	18.5
ACCIDENTS, ALL FORMS	29.4	29.2	35.5
NON-MOTOR VEHICLE	13.2	14.0	15.7
MOTOR VEHICLE	16.2	15.2	19.8
PNEUMONIA AND INFLUENZA	11.8	10.3	13.6
DIABETES MELLITUS	11.1	11.3	9.4
SEPTICEMIA	6.5	5.4	4.3
NEPHRITIS, NEPHROSIS, ETC.	5.8	5.5	4.9
SUICIDE	11.1	10.8	12.0
LIVER DISEASE AND CIRRHOSIS	7.6	8.4	9.2
ATHEROSCLEROSIS	2.8	3.7	3.6
AORTIC ANEURYSM	3.8	3.9	N/A
HOMICIDE AND LEGAL INTERV.	5.5	5.4	8.8
PNEUMOCONIOSIS	2.2	2.5	N/A

*AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES PER 100,000 POPULATION.

NOTE: U.S. MORTALITY DATA USED TO COMPUTE U.S. RATES ARE PROVISIONAL.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ALL CAUSES	001-999	123,852	1041.7
INFECTIOUS AND PARASITIC DISEASES	001-139	2,149	18.1
INTESTINAL INFECTIOUS DISEASES	001-009	17	0.1
TUBERCULOSIS	010-018	76	0.6
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	61	0.5
OTHER TUBERCULOSIS	013-018	15	0.1
ZOONOTIC BACTERIAL DISEASES	020-027	5	0.0
OTHER BACTERIAL DISEASES	030-041	1,746	14.7
SEPTICEMIA	038	1,695	14.3
OTHER BACTERIAL DISEASES	030-037,039-041	51	0.4
POLIOMYELITIS AND OTHER NON-ARTHROPOD VIRAL DISEASES OF THE CENTRAL NERVOUS SYSTEM	045-049	23	0.2
VIRAL DISEASES ACCOMPANIED BY EXANTHEM	050-057	14	0.1
ARTHROPOD-BORNE VIRAL DISEASES	060-066	0	-
OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	070-079	49	0.4
RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	080-088	0	-
SYPHILIS AND OTHER VENEREAL DISEASES	090-099	8	0.1
OTHER SPIROCHAETAL DISEASES	100-104	0	-
MYCOSES	110-118	62	0.5
HELMINTHIASES	120-129	0	-
OTHER INFECTIOUS AND PARASITIC DISEASES	130-136	138	1.2
LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	137-139	11	0.1
NEOPLASMS	140-239	28,457	239.4
MALIGNANT NEOPLASM OF LIP, ORAL CAVITY, AND PHARYNX	140-149	451	3.8
OF TONGUE	141	106	0.9
OF MAJOR SALIVARY GLANDS	142	30	0.3
OF FLOOR OF MOUTH	144	17	0.1
OF OTHER AND UNSPECIFIED PARTS OF MOUTH	140,143,145	99	0.8
OF OROPHARYNX	146	65	0.5
OF NASOPHARYNX	147	37	0.3
OF HYPOPHARYNX	148	21	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY, AND PHARYNX	149	76	0.6
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	150-159	7,327	61.6
OF ESOPHAGUS	150	530	4.5
OF STOMACH	151	895	7.5
OF SMALL INTESTINE, INCLUDING DUODENUM	152	51	0.4
OF COLON	153	3,109	26.1
OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	154	541	4.6
OF LIVER AND INTRAHEPATIC BILE DUCTS	155	352	3.0
OF GALL BLADDER AND EXTRAHEPATIC BILE DUCTS	156	294	2.5
OF PANCREAS	157	1,322	11.1
OF RETROPERITONEUM AND PERITONEUM	158	25	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	159	208	1.7

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	7,254	61.0
OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	160	32	0.3
OF LARYNX	161	217	1.8
OF TRACHEA,BRONCHUS, AND LUNG	162	6,962	58.6
OF PLEURA	163	20	0.2
OF THYMUS, HEART, AND MEDIASTINUM	164	23	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	165	0	-
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, AND BREAST	170-175	3,078	25.9
OF BONE AND ARTICULAR CARTILAGE	170	33	0.3
OF CONNECTIVE AND OTHER SOFT TISSUE	171	123	1.0
MALIGNANT MELANOMA OF SKIN	172	319	2.7
OTHER MALIGNANT NEOPLASM OF SKIN	173	139	1.2
OF FEMALE BREAST	174	2,449	20.6
OF MALE BREAST	175	15	0.1
MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	179-189	4,103	34.5
OF UTERUS, PART UNSPECIFIED	179	197	1.7
OF CERVIX UTERI	180	220	1.9
OF BODY OF UTERUS	182	179	1.5
OF OVARY AND OTHER UTERINE ADNEXA	183	717	6.0
OF PLACENTA AND OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	181,184	68	0.6
OF PROSTATE	185	1,541	13.0
OF TESTIS	186	23	0.2
OF PENIS AND OTHER MALE GENITAL ORGANS	187	12	0.1
OF BLADDER	188	619	5.2
OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS	189	527	4.4
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	190-199	3,194	26.9
OF EYE	190	8	0.1
OF BRAIN	191	543	4.6
OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	192	6	0.1
OF THYROID GLAND	193	51	0.4
OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	194	42	0.4
OF OTHER AND UNSPECIFIED SITES	195-199	2,544	21.4
MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	200-208	2,630	22.1
LYMPHOSARCOMA AND RETICULOSARCOMA	200	217	1.8
HODGKIN'S DISEASE	201	104	0.9
OTHER MALIGNANT NEOPLASM OF LYMPHOID AND HISTIOCYTIC TISSUE	202	757	6.4
MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	203	484	4.1
LYMPHOID LEUKEMIA	204	338	2.8
MYELOID LEUKEMIA	205	452	3.8
MONOCYTIC AND OTHER SPECIFIED LEUKEMIA	206-207	22	0.2
LEUKEMIA OF UNSPECIFIED CELL TYPE	208	256	2.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
BENIGN NEOPLASMS	210-229	75	0.6
OF BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	225	56	0.5
OTHER BENIGN NEOPLASMS	210-224,226-229	19	0.2
CARCINOMA IN SITU	230-234	2	0.0
NEOPLASMS OF UNCERTAIN BEHAVIOR	235-238	93	0.8
NEOPLASMS OF UNSPECIFIED NATURE	239	250	2.1
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES, AND IMMUNITY DISORDERS	240-279	3,556	29.9
DISORDERS OF THYROID GLAND	240-246	66	0.6
ACQUIRED HYPOTHYROIDISM	244	49	0.4
OTHER DISORDERS OF THYROID GLAND	240-243,245-246	17	0.1
DISEASES OF OTHER ENDOCRINE GLANDS	250-259	2,565	21.6
DIABETES MELLITUS	250	2,501	21.0
OTHER ENDOCRINE DISORDERS	251-259	64	0.5
NUTRITIONAL DEFICIENCIES	260-269	184	1.5
PROTEIN-CALORIE MALNUTRITION	260-263	180	1.5
OTHER NUTRITIONAL DEFICIENCIES	264-269	4	0.0
OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	270-279	741	6.2
CERTAIN SPECIFIED DISORDERS OF METABOLISM	270-275	83	0.7
DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	276	300	2.5
OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	277	93	0.8
OBESITY AND OTHER HYPERALIMENTATION	278	61	0.5
DISORDERS INVOLVING THE IMMUNE MECHANISM	279	204	1.7
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	484	4.1
HEMOLYTIC ANEMIAS	282-283	37	0.3
APLASTIC ANEMIA	284	67	0.6
OTHER AND UNSPECIFIED ANEMIAS	285	114	1.0
COAGULATION DEFECTS	286	77	0.6
PURPURA AND OTHER HEMORRHAGIC CONDITIONS	287	43	0.4
DISEASES OF WHITE BLOOD CELLS	288	32	0.3
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-281,289	114	1.0
MENTAL DISORDERS	290-319	738	6.2
ORGANIC PSYCHOTIC CONDITIONS	290-294	211	1.8
SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	290	197	1.7
OTHER ORGANIC PSYCHOTIC CONDITIONS	291-294	14	0.1
OTHER PSYCHOSES	295-299	70	0.6
NEUROTIC DISORDERS, PERSONALITY DISORDERS, AND OTHER NONPSYCHOTIC MENTAL DISORDERS	300-316	431	3.6
ALCOHOL DEPENDENCE SYNDROME	303	110	0.9
NONDEPENDENT ABUSE OF DRUGS	305	31	0.3
SPECIFIC NONPSYCHOTIC MENTAL DISORDERS FOLLOWING ORGANIC BRAIN DAMAGE	310	253	2.1
OTHER NONPSYCHOTIC MENTAL DISORDERS	300-302,304,306-309,311-316	37	0.3
MENTAL RETARDATION	317-319	26	0.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	1,816	15.3
INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	320-326	73	0.6
BACTERIAL MENINGITIS	320	25	0.2
MENINGITIS DUE TO OTHER AND UNSPECIFIED CAUSE	321-322	26	0.2
OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	323-326	22	0.2
HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	330-337	1,100	9.3
CEREBRAL DEGENERATIONS	330-331	489	4.1
PARKINSON'S DISEASE	332	352	3.0
ANTERIOR HORN CELL DISEASE	335	190	1.6
OTHER HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	333-334,336-337	69	0.6
OTHER DISORDERS OF CENTRAL NERVOUS SYSTEM	340-349	538	4.5
MULTIPLE SCLEROSIS	340	97	0.8
INFANTILE CEREBRAL PALSY	343	33	0.3
OTHER PARALYTIC SYNDROMES	344	45	0.4
EPILEPSY	345	95	0.8
OTHER AND UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	341-342,346-349	268	2.3
DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350-359	97	0.8
MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	359	49	0.4
OTHER DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350-358	48	0.4
DISORDERS OF THE EYE AND EAR	360-389	8	0.1
DISEASES OF THE CIRCULATORY SYSTEM	390-459	59,195	497.9
ACUTE RHEUMATIC FEVER	390-392	3	0.0
CHRONIC RHEUMATIC HEART DISEASE	393-398	443	3.7
DISEASES OF MITRAL VALVE	394	176	1.5
DISEASES OF AORTIC VALVE	395	6	0.1
DISEASES OF MITRAL AND AORTIC VALVES	396	78	0.7
DISEASES OF OTHER ENDOCARDIAL STRUCTURES	397	28	0.2
OTHER RHEUMATIC HEART DISEASE	393,398	155	1.3
HYPERTENSIVE DISEASE	401-405	1,572	13.2
ESSENTIAL HYPERTENSION	401	275	2.3
HYPERTENSIVE HEART DISEASE	402	959	8.1
HYPERTENSIVE RENAL DISEASE	403	183	1.5
HYPERTENSIVE HEART AND RENAL DISEASE	404	155	1.3
SECONDARY HYPERTENSION	405	0	-
ISCHEMIC HEART DISEASE	410-414	31,088	261.5
ACUTE MYOCARDIAL INFARCTION	410	16,589	139.5
OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	411	122	1.0
OLD MYOCARDIAL INFARCTION	412	81	0.7
ANGINA PECTORIS	413	57	0.5
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	414	14,239	119.8

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF PULMONARY CIRCULATION	415-417	870	7.3
ACUTE PULMONARY HEART DISEASE	415	734	6.2
CHRONIC PULMONARY HEART DISEASE	416	136	1.1
OTHER DISEASES OF PULMONARY CIRCULATION	417	0	-
OTHER FORMS OF HEART DISEASES	420-429	14,473	121.7
ACUTE PERICARDITIS AND OTHER DISEASES OF PERICARDIUM	420,423	36	0.3
ACUTE AND SUBACUTE ENDOCARDITIS	421	55	0.5
OTHER DISEASES OF ENDOCARDIUM	424	678	5.7
CARDIOMYOPATHY	425	1,075	9.0
CONDUCTION DISORDERS	426	46	0.4
CARDIAC DYSRHYTHMIAS	427	4,576	38.5
HEART FAILURE	428	2,534	21.3
OTHER AND ILL-DEFINED HEART DISEASE	422,429	5,473	46.0
CEREBROVASCULAR DISEASE	430-438	7,961	67.0
SUBARACHNOID HEMORRHAGE	430	349	2.9
INTRACEREBRAL HEMORRHAGE	431	1,001	8.4
OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	432	107	0.9
OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	433	84	0.7
OCCLUSION OF CEREBRAL ARTERIES	434	1,425	12.0
TRANSIENT CEREBRAL ISCHEMIA	435	24	0.2
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	436	4,266	35.9
OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	437	556	4.7
LATE EFFECTS OF CEREBROVASCULAR DISEASE	438	149	1.3
DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	440-448	2,476	20.8
ATHEROSCLEROSIS	440	1,117	9.4
AORTIC ANEURYSM	441	926	7.8
OTHER ANEURYSM	442	33	0.3
OTHER PERIPHERAL VASCULAR DISEASE	443	195	1.6
ARTERIAL EMBOLISM AND THROMBOSIS	444	99	0.8
POLYARTERITIS NODOSA AND ALLIED CONDITIONS	446	27	0.2
OTHER DISORDERS OF ARTERIES AND ARTERIOLES	447	75	0.6
DISEASES OF CAPILLARIES	448	4	0.0
DISEASES OF VEINS AND LYMPHATICS, AND OTHER DISEASES OF CIRCULATORY SYSTEM	451-459	309	2.6
PHLEBITIS AND THROMBOPHLEBITIS	451	86	0.7
OTHER VENOUS EMBOLISM AND THROMBOSIS	452-453	21	0.2
VARICOSE VEINS	454-456	52	0.4
HYPOTENSION	458	76	0.6
OTHER DISORDERS OF CIRCULATORY SYSTEM	457,459	74	0.6
DISEASES OF THE RESPIRATORY SYSTEM	460-519	9,778	82.2
ACUTE RESPIRATORY INFECTIONS	460-466	50	0.4
ACUTE BRONCHITIS AND BRONCHIOLITIS	466	36	0.3
OTHER ACUTE RESPIRATORY INFECTIONS	460-465	14	0.1
OTHER DISEASES OF UPPER RESPIRATORY TRACT	470-478	18	0.2
PNEUMONIA AND INFLUENZA	480-487	3,622	30.5
VIRAL PNEUMONIA	480	20	0.2
PNEUMOCOCCAL PNEUMONIA	481	70	0.6
OTHER BACTERIAL PNEUMONIA	482	118	1.0
BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	485	320	2.7
PNEUMONIA, OTHER AND UNSPECIFIED	483,484,486	3,018	25.4
INFLUENZA	487	76	0.6

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	490-496	4,253	35.8
BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	490	38	0.3
CHRONIC BRONCHITIS	491	133	1.1
EMPHYSEMA	492	610	5.1
ASTHMA	493	161	1.4
BRONCHIECTASIS	494	48	0.4
EXTRINSIC ALLERGIC ALVEOLITIS AND OTHER CHRONIC AIRWAY OBSTRUCTIONS	495-496	3,263	27.4
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	500-508	989	8.3
COALWORKER'S PNEUMOCONIOSIS	500	525	4.4
ASBESTOSIS AND PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	501-502	28	0.2
PNEUMOCONIOSIS, OTHER AND UNSPECIFIED	503-505	9	0.1
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	507	424	3.6
RESPIRATORY CONDITIONS DUE TO OTHER AND UNSPECIFIED EXTERNAL AGENTS	506,508	3	0.0
OTHER DISEASES OF RESPIRATORY SYSTEM	510-519	846	7.1
EMPYEMA	510	19	0.2
PLEURISY	511	65	0.5
PNEUMOTHORAX	512	24	0.2
ABSCESS OF LUNG AND MEDIASTINUM	513	27	0.2
PULMONARY CONGESTION AND HYPOSTASIS	514	73	0.6
POSTINFLAMMATORY PULMONARY FIBROSIS	515	205	1.7
OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	516	19	0.2
OTHER DISEASES OF THE LUNG	517-518	348	2.9
OTHER DISEASES OF RESPIRATORY SYSTEM	519	66	0.6
DISEASES OF THE DIGESTIVE SYSTEM	520-579	4,007	33.7
DISEASES OF ORAL CAVITY, SALIVARY GLANDS, AND JAWS	520-529	1	0.0
DISEASES OF ESOPHAGUS, STOMACH, AND DUODENUM	530-537	468	3.9
DISEASES OF ESOPHAGUS	530	88	0.7
GASTRIC ULCER	531	85	0.7
DUODENAL ULCER	532	112	0.9
PEPTIC ULCER, SITE UNSPECIFIED	533	119	1.0
OTHER DISORDERS OF STOMACH AND DUODENUM	534-537	64	0.5
APPENDICITIS	540-543	29	0.2
HERNIA OF ABDOMINAL CAVITY	550-553	53	0.4
NONINFECTIVE ENTERITIS AND COLITIS	555-558	446	3.8
IDIOPATHIC PROCTOCOLITIS	556	17	0.1
VASCULAR INSUFFICIENCY OF INTESTINE	557	357	3.0
OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	555,558	72	0.6
OTHER DISEASES OF INTESTINES AND PERITONEUM	560-569	596	5.0
INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	560	218	1.8
DIVERTICULA OF INTESTINE	562	175	1.5
PERITONITIS	567	82	0.7
OTHER DISORDERS OF PERITONEUM	568	11	0.1
OTHER DISORDERS OF INTESTINE	564-566,569	110	0.9

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
OTHER DISEASES OF DIGESTIVE SYSTEM	570-579	2,414	20.3
ACUTE AND SUBACUTE NECROSIS OF LIVER	570	29	0.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	1,234	10.4
LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	572	269	2.3
OTHER DISORDERS OF LIVER	573	95	0.8
CHOLELITHIASIS	574	68	0.6
OTHER DISORDERS OF GALL BLADDER	575	91	0.8
OTHER DISORDERS OF BILIARY TRACT	576	62	0.5
DISEASES OF PANCREAS	577	121	1.0
GASTROINTESTINAL HEMORRHAGE	578	441	3.7
INTESTINAL MALABSORPTION	579	4	0.0
DISEASES OF THE GENITOURINARY SYSTEM	580-629	2,569	21.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	1,535	12.9
CHRONIC GLOMERULONEPHRITIS	582	46	0.4
NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC	583	25	0.2
ACUTE RENAL FAILURE	584	292	2.5
CHRONIC RENAL FAILURE	585	296	2.5
RENAL FAILURE, UNSPECIFIED	586	855	7.2
OTHER RENAL DISORDERS	580-581,587-589	21	0.2
OTHER DISEASES OF URINARY SYSTEM	590-599	988	8.3
INFECTIONS OF KIDNEY	590	67	0.6
CALCULUS OF KIDNEY AND URETER	592	23	0.2
OTHER DISORDERS OF KIDNEY AND URETER	591,593	216	1.8
OTHER DISORDERS OF URETHRA AND URINARY TRACT	594-599	682	5.7
DISEASES OF MALE GENITAL ORGANS	600-608	32	0.3
HYPERPLASIA OF PROSTATE	600	28	0.2
OTHER DISORDERS OF MALE GENITAL ORGANS	601-608	4	0.0
DISORDERS OF THE BREAST	610-611	1	0.0
INFLAMMATORY DISEASE OF FEMALE PELVIC ORGANS	614-616	3	0.0
OTHER DISORDERS OF FEMALE GENITAL TRACT	617-629	10	0.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630-676	14	0.9
PREGNANCY WITH ABORTIVE OUTCOME	630-639	5	0.3
INDUCED ABORTION	635-636	0	-
OTHER ABORTION, ECTOPIC, AND MOLAR PREGNANCIES	630-634,637-639	5	0.3
COMPLICATIONS MAINLY RELATED TO PREGNANCY	640-648	4	0.2
OTHER INDICATIONS FOR CARE IN PREGNANCY, LABOR, AND DELIVERY	650-659	1	0.1
COMPLICATIONS OCCURRING MAINLY IN THE COURSE OF LABOR AND DELIVERY	660-669	1	0.1
COMPLICATIONS OF THE PUERPERIUM	670-676	3	0.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.
MATERNAL DEATH RATE (ICD CODES 630-676) PER 10,000 LIVE BIRTHS.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	264	2.2
INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	680-686	33	0.3
CELLULITIS AND ABSCESS	680-682	28	0.2
OTHER INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	683-686	5	0.0
OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	690-698	23	0.2
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700-709	208	1.7
CHRONIC ULCER OF SKIN	707	208	1.7
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700-706,708-709	0	-
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	312	2.6
ARTHROPATHIES AND RELATED DISORDERS	710-719	210	1.8
DIFFUSE DISEASES OF CONNECTIVE TISSUE	710	104	0.9
RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES	714	75	0.6
OTHER ARTHROPATHIES AND RELATED DISORDERS	711-713,715-719	31	0.3
DORSOPATHIES	720-724	10	0.1
RHEUMATISM, EXCLUDING BACK	725-729	30	0.3
OSTEOPATHIES, CHONDROPATHIES, AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	730-739	62	0.5
CONGENITAL ANOMALIES	740-759	530	4.5
ANENCEPHALUS AND SIMILAR ANOMALIES	740	16	0.1
SPINA BIFIDA	741	2	0.0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	742	64	0.5
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	745	49	0.4
OTHER CONGENITAL ANOMALIES OF HEART	746	159	1.3
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	747	45	0.4
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	748	38	0.3
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	752-753	36	0.3
CONGENITAL MUSCULOSKELETAL ANOMALIES	754-756	23	0.2
CHROMOSOMAL ANOMALIES	758	47	0.4
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	743-744,749-751,757,759	51	0.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SEE TABLE C-14 FOR DETAILS.)	760-779	829	7.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	2,706	22.8
SYMPTOMS	780-789	148	1.2
SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	785	109	0.9
OTHER SYMPTOMS	780-784,786-789	39	0.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
NONSPECIFIED ABNORMAL FINDINGS	790-796	1	0.0
ILL-DEFINED AND UNKNOWN CAUSES OF MORTALITY	797-799	2,557	21.5
SENILITY WITHOUT MENTION OF PSYCHOSIS	797	31	0.3
SUDDEN DEATH, CAUSE UNKNOWN	798	213	1.8
OTHER ILL-DEFINED AND UNKNOWN CAUSE OF MORTALITY	799	2,313	19.5
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	6,448	54.2
RAILWAY ACCIDENTS	800-807	20	0.2
MOTOR VEHICLE TRAFFIC ACCIDENTS	810-819	1,947	16.4
INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	811-812	671	5.6
INVOLVING COLLISION WITH ANOTHER VEHICLE	810,813	46	0.4
INVOLVING COLLISION WITH PEDESTRIAN	814	287	2.4
OTHER INVOLVING COLLISION ON THE HIGHWAY	815	346	2.9
DUE TO LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	816	160	1.3
OTHER NONCOLLISION	817-818	56	0.5
UNSPECIFIED NATURE	819	381	3.2
MOTOR VEHICLE NONTRAFFIC ACCIDENTS	820-825	30	0.3
OTHER ROAD VEHICLE ACCIDENTS	826-829	4	0.0
WATER TRANSPORT ACCIDENTS	830-838	16	0.1
AIR AND SPACE TRANSPORT ACCIDENTS	840-845	22	0.2
ACCIDENT DUE TO POWERED AIRCRAFT	840-841	22	0.2
OTHER AIR AND SPACE TRANSPORT ACCIDENTS	842-845	0	-
VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	846-848	3	0.0
ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS	850	30	0.3
ACCIDENTAL POISONING BY OTHER DRUGS, MEDICAMENTS, AND BIOLOGICALS	851-858	179	1.5
ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	860-869	77	0.6
ACCIDENTAL POISONING BY UTILITY GAS AND OTHER CARBON MONOXIDE	868	58	0.5
ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	860-867,869	19	0.2
MISADVENTURE TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870-876	15	0.1
ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING MEDICAL CARE	870	12	0.1
OTHER AND UNSPECIFIED MISADVENTURE DURING MEDICAL CARE	871-876	3	0.0
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	878-879	188	1.6
SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES	878	168	1.4
OTHER PROCEDURES	879	20	0.2
ACCIDENTAL FALLS	880-888	553	4.7
FALL ON OR FROM STAIRS OR STEPS	880	144	1.2
FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE	882	31	0.3
OTHER FALL FROM ONE LEVEL TO ANOTHER	881,883-884	53	0.4
FRACTURE, CAUSE UNSPECIFIED	887	179	1.5
OTHER AND UNSPECIFIED FALL	885-886,888	146	1.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ACCIDENTS CAUSED BY FIRE AND FLAMES	890-899	256	2.2
CONFLAGRATION IN PRIVATE DWELLING	890	229	1.9
OTHER ACCIDENT CAUSED BY FIRE AND FLAMES	891-899	27	0.2
ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900-909	67	0.6
EXCESSIVE COLD	901	39	0.3
OTHER ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900,902-909	28	0.2
ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	910-915	399	3.4
ACCIDENTAL DROWNING AND SUBMERSION	910	128	1.1
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	911	86	0.7
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	912	138	1.2
ACCIDENTAL MECHANICAL SUFFOCATION	913	46	0.4
FOREIGN BODY ACCIDENTALLY ENTERING ORIFACE	914-915	1	0.0
OTHER ACCIDENTS	916-928	356	3.0
STRUCK ACCIDENTALLY BY FALLING OBJECT	916	47	0.4
ACCIDENTS CAUSED BY MACHINERY	919	46	0.4
ACCIDENTS CAUSED BY FIREARM MISSLE	922	22	0.2
ACCIDENTS CAUSED BY ELECTRIC CURRENT	925	25	0.2
OTHER AND UNSPECIFIED CAUSES	917-918,920-921 923-924,926-928	216	1.8
LATE EFFECTS OF ACCIDENTAL INJURY	929	15	0.1
DRUGS,MEDICAMENTS,AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	930-949	5	0.0
SUICIDE	950-959	1,443	12.1
BY SOLID OR LIQUID SUBSTANCES	950	152	1.3
BY GASES AND VAPORS	951-952	129	1.1
BY HANGING, STRANGULATION, AND SUFFOCATION	953	254	2.1
BY SUBMERSION (DROWNING)	954	23	0.2
BY FIREARMS AND EXPLOSIVES	955	774	6.5
BY JUMPING FROM HIGH PLACE	957	50	0.4
BY OTHER AND UNSPECIFIED MEANS AND LATE EFFECTS	956,958-959	61	0.5
HOMICIDE	960-969	653	5.5
ASSAULT BY HANGING AND STRANGULATION	963	27	0.2
ASSAULT BY FIREARMS AND EXPLOSIVES	965	300	2.5
ASSAULT BY CUTTING AND PIERCING INSTRUMENT	966	193	1.6
OTHER INJURIES AND LATE EFFECTS	960-962,964,967-969	133	1.1
LEGAL INTERVENTION	970-978	5	0.0
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	980-989	164	1.4
POISONING BY SOLID OR LIQUID SUBSTANCES	980	68	0.6
POISONING BY GASES	981-982	17	0.1
SUBMERSION (DROWNING)	984	17	0.1
INJURY BY FIREARMS AND EXPLOSIVES	985	13	0.1
OTHER INJURIES AND LATE EFFECTS	983,986-989	49	0.4
INJURY RESULTING FROM OPERATIONS OF WAR	990-999	1	0.0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1986 POPULATION.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1986

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
ALL CAUSES	001-999***	1,628	10.2	681	234	168	544
INFECTIOUS AND PARASITIC DISEASES	001-139	21	0.1	0	0	1	20
SEPTICEMIA	038	17	0.1	0	0	0	17
NEOPLASMS	140-239	9	0.1	5	0	0	4
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES, AND IMMUNITY DISORDERS	240-279	21	0.1	6	3	3	9
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	0	-	0	0	0	0
MENTAL DISORDERS	290-319	2	0.0	0	0	0	2
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	27	0.2	0	1	5	21
MENINGITIS	320-322	9	0.1	0	1	2	6
DISEASES OF THE CIRCULATORY SYSTEM	390-459	44	0.3	0	9	3	32
CARDIAC DYSRHYTHMIAS	427	21	0.1	0	2	1	18
DISEASES OF THE RESPIRATORY SYSTEM	460-519	49	0.3	1	3	2	43
PNEUMONIA	480-486	28	0.2	0	2	2	24
DISEASES OF THE DIGESTIVE SYSTEM	520-579	17	0.1	3	2	2	10
NONINFECTIVE ENTERITIS AND COLITIS	555-558	7	0.0	0	0	2	5
DISEASES OF THE GENITOURINARY SYSTEM	580-629	10	0.1	0	0	4	6
DISEASES OF THE CUTANEOUS AND MUSCULOSKELETAL SYSTEMS	680-739	2	0.0	0	0	0	2
CONGENITAL ANOMALIES	740-759	321	2.0	119	64	48	90
ANENCEPHALUS AND SIMILAR ANOMALIES	740	16	0.1	11	4	0	1
SPINA BIFIDA	741	1	0.0	0	0	0	1
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM AND SENSE ORGANS	742-744	26	0.2	9	3	5	9
MICROCEPHALUS	742.1	4	0.0	0	0	0	4
CONGENITAL HYDROCEPHALUS	742.3	8	0.0	3	0	2	3
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	745	17	0.1	1	1	2	13
TRANSPOSITION OF GREAT VESSELS	745.1	5	0.0	1	0	1	3
TETRALOGY OF FALLOT	745.2	2	0.0	0	0	0	2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
** RATE PER 1,000 LIVE BIRTHS.
***TOTAL DOES NOT ADD DUE TO EXCLUSION OF ONE NEONATAL DEATH FOR WHOM EXACT AGE WAS UNKNOWN.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
OTHER CONGENITAL ANOMALIES OF HEART	746	103	0.6	17	29	23	34
HYPOPLASTIC LEFT HEART SYNDROME	746.7	24	0.1	1	12	9	2
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	747	19	0.1	1	9	5	4
COARCTATION OF AORTA	747.1	4	0.0	0	0	3	1
ANOMALIES OF PULMONARY ARTERY	747.3	2	0.0	0	1	0	1
ANOMALIES OF GREAT VEINS	747.4	4	0.0	0	2	1	1
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	748	36	0.2	25	4	6	1
ANOMALIES OF LARYNX, TRACHEA, AND BRONCHUS	748.2-748.3	2	0.0	0	0	2	0
AGENESIS, HYPOPLASIA, AND DYSPLASIA OF LUNG	748.5	32	0.2	24	3	4	1
CONGENITAL ANOMALIES OF UPPER ALIMENTARY SYSTEM	749-750	3	0.0	1	0	0	2
CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	751	6	0.0	0	0	2	4
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	752-753	18	0.1	14	3	1	0
RENAL AGENESIS AND DYSGENESIS	753.0	14	0.1	12	2	0	0
CONGENITAL MUSCULOSKELETAL ANOMALIES	754-756	22	0.1	16	3	0	3
ANOMALIES OF DIAPHRAGM	756.6	14	0.1	12	2	0	0
CONGENITAL ANOMALIES OF THE INTEGUMENT	757	1	0.0	0	0	0	1
CHROMOSOMAL ANOMALIES	758	31	0.2	9	7	3	12
DOWN'S SYNDROME	758.0	6	0.0	0	1	1	4
PATAU'S SYNDROME	758.1	7	0.0	4	1	0	2
EDWARD'S SYNDROME	758.2	14	0.1	3	4	2	5
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	759	22	0.1	15	1	1	5
MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	759.7	18	0.1	15	0	1	2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	824	5.1	540	148	83	53
NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	760	2	0.0	2	0	0	0
NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	761	52	0.3	51	1	0	0
INCOMPETENT CERVIX	761.0	8	0.0	8	0	0	0
PREMATURE RUPTURE OF MEMBRANES	761.1	22	0.1	22	0	0	0
MULTIPLE PREGNANCY	761.5	19	0.1	18	1	0	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	762	34	0.2	30	2	2	0
PLACENTA PREVIA	762.0	2	0.0	2	0	0	0
OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	762.1	15	0.1	12	1	2	0
PROLAPSED CORD AND OTHER COMPRESSION OF UMBILICAL CORD	762.4-762.5	4	0.0	4	0	0	0
CHORIOAMNIONITIS	762.7	9	0.1	9	0	0	0
NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	763	6	0.0	6	0	0	0
SLOW FETAL GROWTH AND FETAL MALNUTRITION	764	2	0.0	1	1	0	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	765	157	1.0	152	4	1	0
EXTREME IMMATURITY	765.0	105	0.7	101	3	1	0
OTHER PRETERM INFANT	765.1	52	0.3	51	1	0	0
DISORDERS RELATING TO LONG GESTATION AND HIGH BIRTH WEIGHT	766	0	-	0	0	0	0
BIRTH TRAUMA	767	14	0.1	2	7	5	0
SUBDURAL AND CEREBRAL HEMORRHAGE	767.0	12	0.1	2	6	4	0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	768	34	0.2	21	6	5	2
FETAL DISTRESS	768.2-768.4	6	0.0	2	2	1	1
BIRTH ASPHYXIA	768.5-768.9	28	0.2	19	4	4	1
RESPIRATORY DISTRESS SYNDROME	769	135	0.8	56	42	29	8
OTHER RESPIRATORY CONDITIONS OF NEWBORN	770	159	1.0	73	36	18	32
CONGENITAL PNEUMONIA	770.0	2	0.0	0	0	2	0
MASSIVE ASPIRATION SYNDROME	770.1	11	0.1	2	8	1	0
INTERSTITIAL EMPHYSEMA AND RELATED CONDITIONS	770.2	15	0.1	2	6	6	1
PRIMARY ATELECTASIS	770.4	25	0.2	18	3	4	0
CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD	770.7	42	0.3	10	1	2	29
OTHER AND UNSPECIFIED RESPIRATORY PROBLEMS DURING PERINATAL PERIOD	770.3,770.5 770.8,770.9	64	0.4	41	18	3	2
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	771	44	0.3	16	16	10	2
NEONATAL HEMORRHAGE	772	14	0.1	3	9	2	0
INTRAVENTRICULAR HEMORRHAGE	772.1	8	0.0	1	6	1	0
HEMOLYTIC DISEASE OF NEWBORN DUE TO ISOIMMUNIZATION AND OTHER PERINATAL JAUNDICE	773-774	1	0.0	1	0	0	0
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE NEWBORN	775	1	0.0	0	1	0	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1986 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
HEMATOLOGICAL DISORDERS OF NEWBORN	776	1	0.0	1	0	0	0
PERINATAL DISORDERS OF DIGESTIVE SYSTEM	777	17	0.1	2	3	6	6
NECROTIZING ENTEROCOLITIS IN NEWBORN	777.5	13	0.1	0	2	5	6
CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION OF NEWBORN	778	9	0.1	6	2	1	0
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	779	142	0.9	117	18	4	3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799***	224	1.4	4	3	13	203
SUDDEN INFANT DEATH SYNDROME	798.0	204	1.3	0	3	12	189
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	57	0.4	3	1	4	49
MOTOR VEHICLE ACCIDENTS	810-825	1	0.0	0	0	0	1
OTHER TRANSPORT ACCIDENTS	800-807 826-848	0	-	0	0	0	0
ACCIDENTAL POISONING	850-869	2	0.0	0	0	0	2
MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870-876	3	0.0	0	1	1	1
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION	878-879	2	0.0	0	0	0	2
ACCIDENTAL FALLS	880-888	1	0.0	0	0	0	1
ACCIDENTS CAUSED BY FIRE AND FLAMES	890-899	8	0.0	0	0	1	7
ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900-909	2	0.0	2	0	0	0
ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	910-915	18	0.1	0	0	0	18
ACCIDENTAL DROWNING AND SUBMERSION	910	1	0.0	0	0	0	1
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	911	5	0.0	0	0	0	5
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	912	4	0.0	0	0	0	4
ACCIDENTAL MECHANICAL SUFFOCATION	913	8	0.0	0	0	0	8
OTHER ACCIDENTS AND LATE EFFECTS OF ACCIDENTAL INJURY	916-929	2	0.0	0	0	1	1
DRUGS, MEDICAMENTS, AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	930-949	0	-	0	0	0	0
HOMICIDE	960-969	15	0.1	0	0	1	14
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	980-989	3	0.0	1	0	0	2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
** RATE PER 1,000 LIVE BIRTHS.
***TOTAL DOES NOT ADD DUE TO EXCLUSION OF ONE NEONATAL DEATH FOR WHOM EXACT AGE WAS UNKNOWN.

TABLE C-15
RESIDENT FETAL DEATHS BY CAUSE,
NUMBER AND RATE: PENNSYLVANIA, 1986

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ALL CAUSES	001-999	3,026	18.5
CONGENITAL ANOMALIES	740-759	139	0.9
ANENCEPHALUS AND SIMILAR ANOMALIES	740	44	0.3
SPINA BIFIDA	741	2	0.0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM AND SENSE ORGANS	742-744	9	0.1
CONGENITAL HYDROCEPHALUS	742.3	7	0.0
CHROMOSOMAL ANOMALIES	758	14	0.1
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	745-757,759	70	0.4
MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	759.7	54	0.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	2,885	17.7
FETUS AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	760	70	0.4
MATERNAL HYPERTENSIVE DISORDERS	760.0	39	0.2
MATERNAL INFECTIONS	760.2	5	0.0
MATERNAL INJURY	760.5	15	0.1
FETUS AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	761	220	1.4
INCOMPETENT CERVIX	761.0	27	0.2
PREMATURE RUPTURE OF MEMBRANES	761.1	133	0.8
POLYHYDRAMNIOS	761.3	3	0.0
MULTIPLE PREGNANCY	761.5	23	0.1
FETUS AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	762	591	3.7
PLACENTA PRAEVIA	762.0	7	0.0
OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	762.1	192	1.2
OTHER AND UNSPECIFIED MORPHOLOGICAL AND FUNCTIONAL ABNORMALITIES OF PLACENTA	762.2	63	0.4
PLACENTAL TRANSFUSION SYNDROMES	762.3	0	-
PROLAPSED CORD	762.4	21	0.1
OTHER COMPRESSION OF UMBILICAL CORD	762.5	148	0.9
OTHER AND UNSPECIFIED CONDITIONS OF UMBILICAL CORD	762.6	92	0.6
CHORIOAMNIONITIS	762.7	68	0.4
FETUS AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	763	4	0.0
SLOW FETAL GROWTH AND FETAL MALNUTRITION	764	3	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	765	147	0.9
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	768	54	0.3
RESPIRATORY DISTRESS SYNDROME	769	1	0.0
OTHER RESPIRATORY CONDITIONS OF FETUS	770	6	0.0
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	771	5	0.0
FETAL HEMORRHAGE	772	1	0.0
HEMOLYTIC DISEASE OF FETUS DUE TO ISOIMMUNIZATION	773	9	0.1
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE FETUS	775	10	0.1
MATERNAL DIABETES MELLITUS AFFECTING FETUS	775.0	10	0.1
HEMATOLOGICAL DISORDERS OF FETUS	776	0	-
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	766-767,774,777-779	1,764	10.9
TERMINATION OF PREGNANCY	779.6	1,250	7.7
OTHER AND UNKNOWN CAUSES	001-739,780-999	2	0.0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).

TABLE C-16A
HEART DISEASE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1986	47,991	403.7	768,350**	318.7	1966	53,874	462.7	727,002	371.2
1985	48,692	410.4	771,169	323.0	1965	52,685	456.7	712,087	367.4
1984	48,645	408.8	765,114	323.5	1964	52,078	454.5	699,861	365.7
1983	49,780	418.5	770,432	329.2	1963	53,495	468.3	707,830	375.2
1982	48,470	407.8	755,592	326.0	1962	52,751	463.7	688,009	370.1
1981	48,786	411.2	753,884	328.7	1961	51,735	451.1	663,391	362.4
1980	50,677	427.2	761,085	336.0	1960	51,431	454.4	661,712	369.0
1979	48,407	412.7	733,235	326.5	1959	50,196	443.3	641,044	363.2
1978	48,573	413.3	729,510	334.3	1958	49,673	447.5	637,246	367.7
1977	48,444	411.1	718,850	332.3	1957	49,393	442.4	628,504	369.6
1976	49,730	419.2	723,878	337.2	1956	47,796	429.4	602,995	361.1
1975	49,323	417.0	716,215	336.2	1955	46,690	421.8	584,620	356.5
1974	50,625	427.7	738,171	349.2	1954	44,382	407.3	560,077	348.3
1973	52,730	443.0	757,075	360.8	1953	45,784	422.8	570,275	361.2
1972	53,098	445.2	755,864	363.0	1952	44,246	412.2	555,141	357.4
1971	53,222	448.0	743,368	360.5	1951	44,443	419.4	545,675	356.8
1970	52,476	444.7	735,542	362.0	1950	43,793	416.4	535,705	356.8
1969	52,816	447.5	739,265	367.1					
1968	54,398	462.7	744,658	373.5					
1967	53,121	456.1	721,268	364.5					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-9
HEART DISEASE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

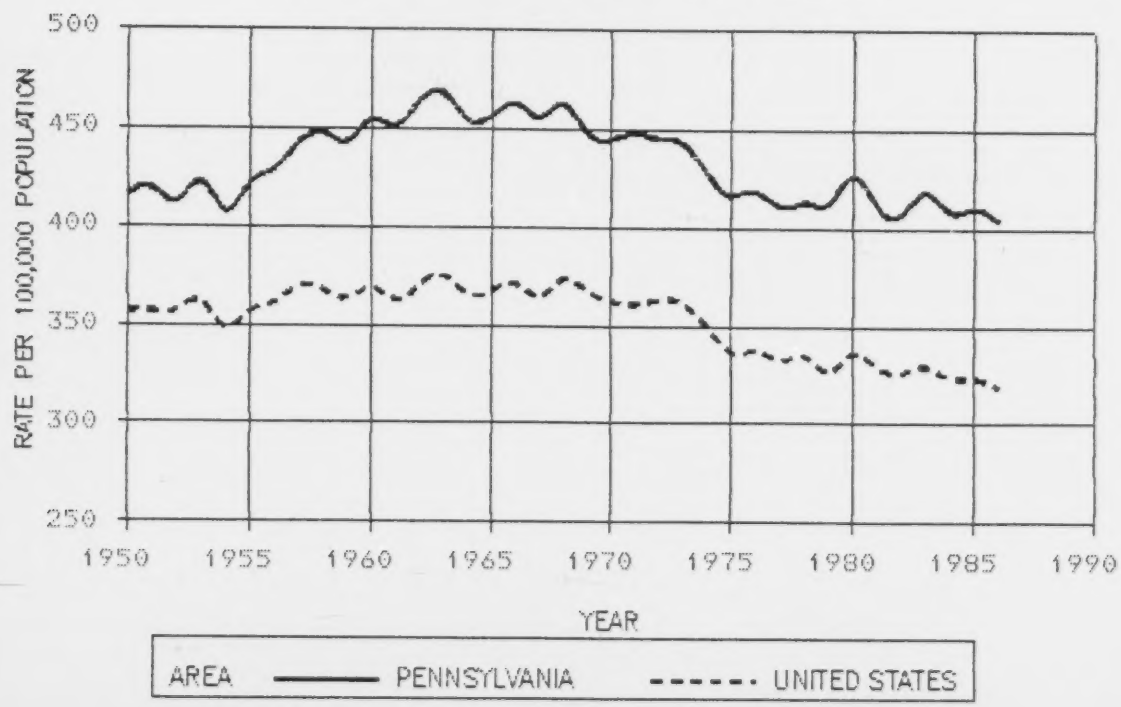


TABLE C-16B
RESIDENT HEART DISEASE DEATHS BY TYPE AND SEX
NUMBER AND PERCENT: PENNSYLVANIA, 1986

TYPE OF HEART DISEASE*	TOTAL	MALE NUMBER	MALE PERCENT	FEMALE NUMBER	FEMALE PERCENT
TOTAL HEART DISEASE	47,991	23,747	49.5	24,244	50.5
RHEUMATIC HEART DISEASE	446	141	31.6	305	68.4
HEART DISEASE WITH HYPERTENSION	1,114	438	39.3	676	60.7
ACUTE MYOCARDIAL INFARCTION	16,589	9,162	55.2	7,427	44.8
ISCHEMIC EXCL. MYOCARDIAL INFARCT.	14,499	6,956	48.0	7,543	52.0
DISEASES OF PULMONARY CIRCULATION	870	381	43.8	489	56.2
OTHER HEART DISEASE	14,473	6,669	46.1	7,804	53.9

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
RHEUMATIC HEART DISEASE=390-398
HEART DISEASE WITH HYPERTENSION=402,404
ACUTE MYOCARDIAL INFARCTION=410
ISCHEMIC EXCL. MYOCARDIAL INFARCTION=411-414
DISEASES OF PULMONARY CIRCULATION=415-417
OTHER HEART DISEASE=420-429

FIGURE C-10
RESIDENT HEART DISEASE DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1986

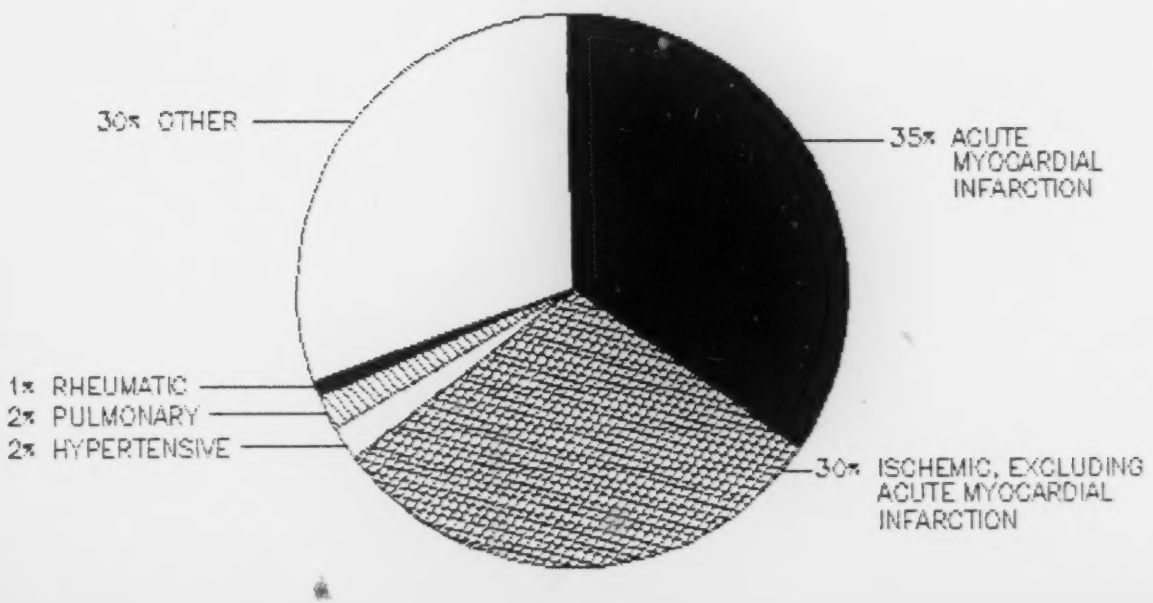


TABLE C-17A
MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1986	28,037	235.8	465,980**	193.3	1966	21,182	182.0	303,736	155.1
1985	27,901	235.2	461,563	193.3	1965	20,767	180.0	297,588	153.5
1984	27,468	230.8	453,492	191.8	1964	20,611	179.9	289,577	151.3
1983	26,917	226.3	442,986	189.3	1963	20,316	177.8	285,362	151.3
1982	26,483	222.8	433,795	187.2	1962	20,003	175.8	278,562	149.9
1981	26,059	219.6	422,094	184.0	1961	19,933	173.8	273,502	149.4
1980	26,040	219.5	416,509	183.9	1960	19,612	173.3	267,627	149.2
1979	25,374	216.3	403,395	179.6	1959	19,218	169.7	260,047	147.3
1978	25,376	215.9	396,992	181.9	1958	18,856	169.9	254,426	146.8
1977	24,244	205.7	386,686	178.7	1957	19,066	170.8	253,183	148.7
1976	24,175	203.8	377,312	175.8	1956	18,726	168.2	247,357	147.9
1975	23,547	199.1	365,693	171.6	1955	18,259	164.0	240,681	146.5
1974	23,239	196.4	360,472	170.5	1954	17,974	165.0	234,669	145.6
1973	22,709	190.8	351,055	167.3	1953	17,531	161.9	229,079	144.7
1972	22,733	190.6	345,618	166.0	1952	17,335	161.5	223,277	143.3
1971	22,364	188.3	337,398	163.6	1951	16,678	157.4	215,525	140.5
1970	22,013	186.5	330,730	162.3	1950	16,326	155.2	210,733	139.8
1969	22,124	187.4	323,092	160.4					
1968	22,065	187.7	318,547	159.8					
1967	21,450	184.2	310,983	157.2					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C—11
MALIGNANT NEOPLASM DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950—1986

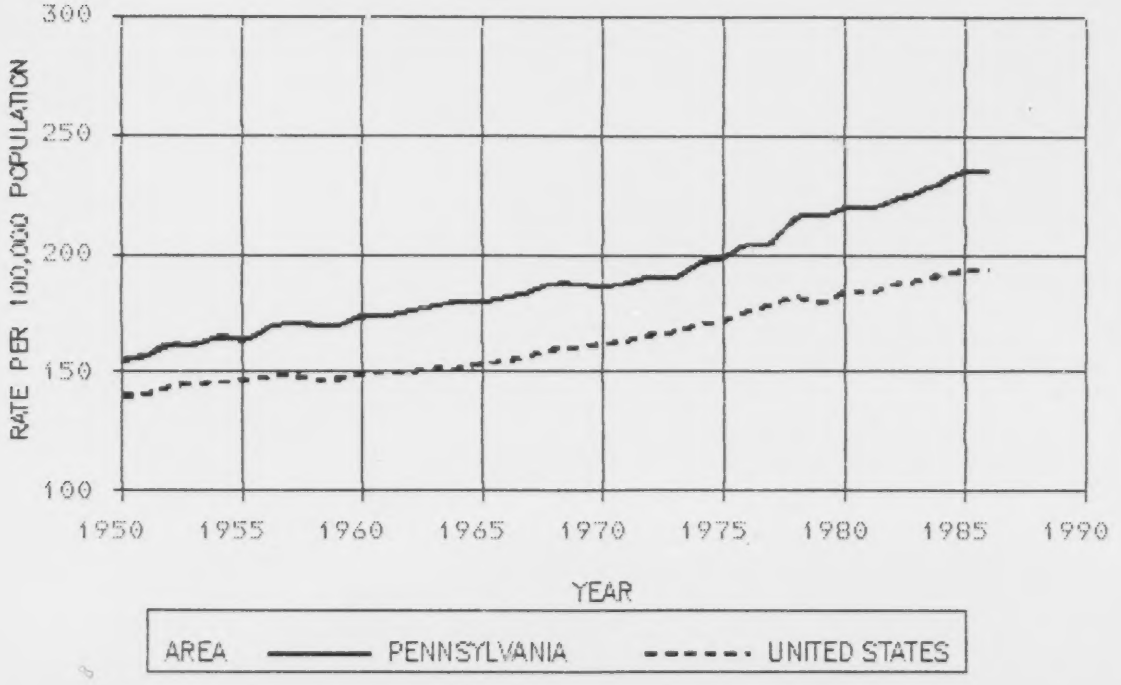


TABLE C-17B
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - MALES
PENNSYLVANIA, 1986

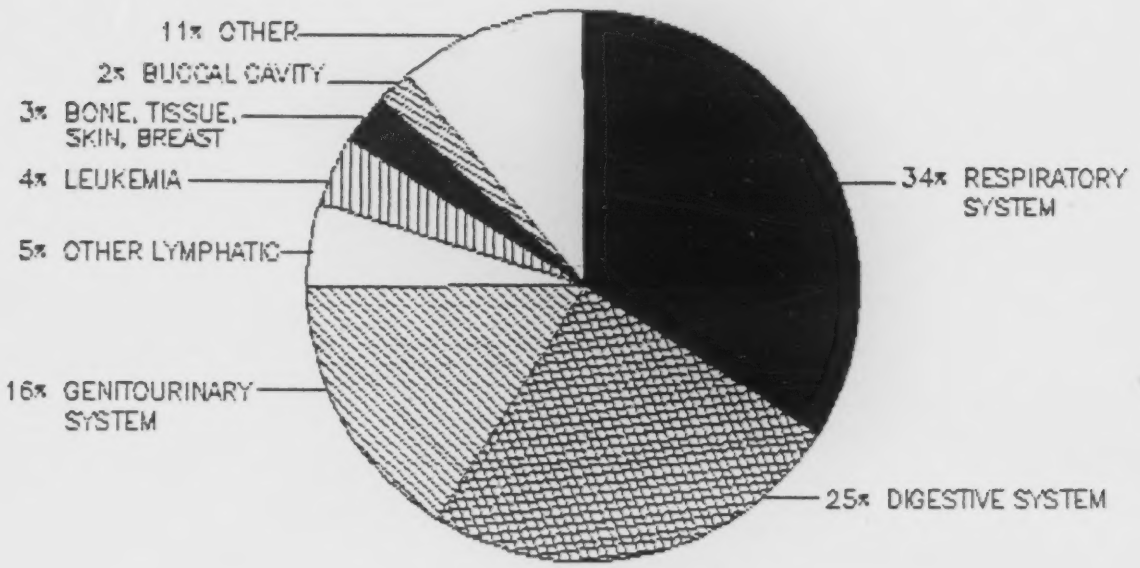
MALIGNANT NEOPLASM SITE*	ALL AGES	AGE AT DEATH (IN YEARS) UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
TOTAL MALIGNANT NEOPLASMS	14,606	10	26	66	119	308	955	3,284	5,099	4,739
BUCCAL CAVITY & PHARYNX	302	0	0	2	1	15	44	81	90	69
DIGESTIVE SYSTEM	3,704	3	0	3	16	71	234	847	1,318	1,212
RESPIRATORY SYSTEM	4,979	1	0	2	7	74	389	1,354	1,883	1,269
BONE, TISSUE, SKIN & BREAST	377	0	2	9	26	28	42	77	102	91
GENITOURINARY SYSTEM	2,304	0	0	8	9	15	60	308	753	1,151
OTHER & UNSPECIFIED SITES	1,607	4	11	13	26	54	115	388	506	490
LEUKEMIA	568	2	8	17	19	21	27	91	179	204
LYMPHATIC & HEMATOPOIETIC	765	0	5	12	15	30	44	138	268	253

TABLE C-17C
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - FEMALES
PENNSYLVANIA, 1986

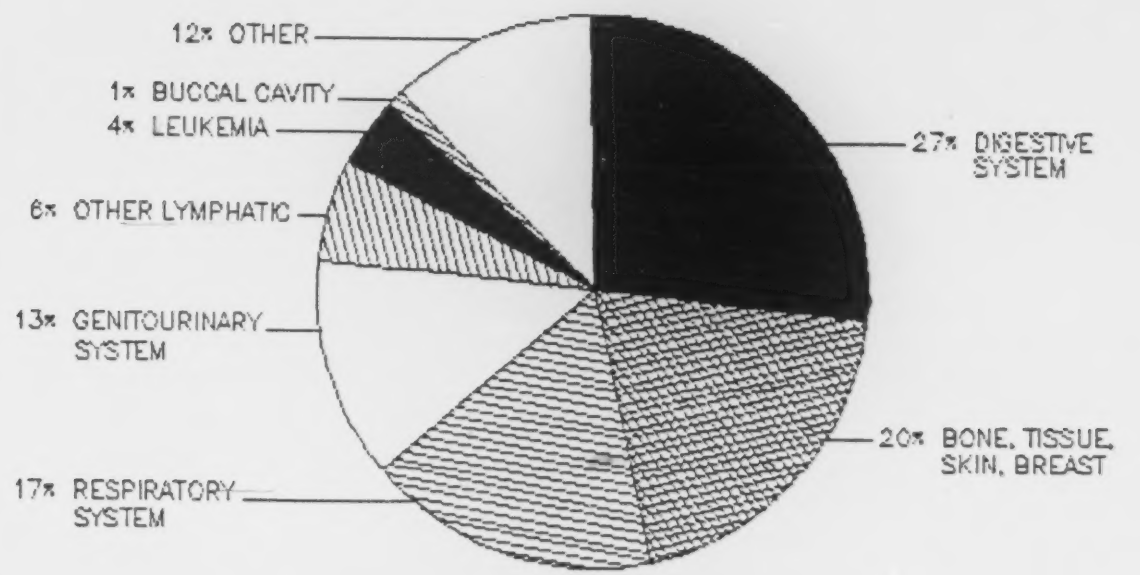
MALIGNANT NEOPLASM SITE*	ALL AGES	AGE AT DEATH (IN YEARS) UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
TOTAL MALIGNANT NEOPLASMS	13,431	14	27	44	156	398	1,021	2,709	4,022	5,040
BUCCAL CAVITY & PHARYNX	149	0	0	0	1	4	16	39	36	53
DIGESTIVE SYSTEM	3,623	1	1	3	17	54	167	557	1,078	1,745
RESPIRATORY SYSTEM	2,275	0	1	1	5	36	188	623	849	572
BONE, TISSUE, SKIN & BREAST	2,701	2	3	4	45	160	299	654	737	797
GENITOURINARY SYSTEM	1,799	0	3	1	31	65	160	371	508	660
OTHER & UNSPECIFIED SITES	1,587	9	9	11	22	41	106	264	462	663
LEUKEMIA	500	1	8	16	18	21	34	69	124	209
LYMPHATIC & HEMATOPOIETIC	797	1	2	8	17	17	51	132	228	341

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLES:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203

FIGURE C–12
RESIDENT MALIGNANT NEOPLASM DEATHS BY SEX
PERCENT BY TYPE, PENNSYLVANIA, 1986



MALE



FEMALE

TABLE C-17D
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND RACE
NUMBER AND RATE*: PENNSYLVANIA, 1986

MALIGNANT NEOPLASM SITE**	TOTAL	WHITE		ALL OTHER RACES	
		NUMBER	RATE	NUMBER	RATE
TOTAL MALIGNANT NEOPLASMS	28,037	25,442	238.0	2,595	216.3
BUCCAL CAVITY & PHARYNX	451	386	3.6	65	5.4
DIGESTIVE SYSTEM	7,327	6,620	61.9	707	58.9
RESPIRATORY SYSTEM	7,254	6,486	60.7	768	64.0
BONE, TISSUE, SKIN & BREAST	3,078	2,852	26.7	226	18.8
GENITOURINARY SYSTEM	4,103	3,722	34.8	381	31.8
OTHER & UNSPECIFIED SITES	3,194	2,924	27.4	270	22.5
LEUKEMIA	1,068	1,005	9.4	63	5.3
LYMPHATIC & HEMATOPOIETIC	1,562	1,447	13.5	115	9.6

* RATE PER 100,000 POPULATION FOR EACH RACE.
**THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLE:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203

FIGURE C—13
RESIDENT MALIGNANT NEOPLASM DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1986

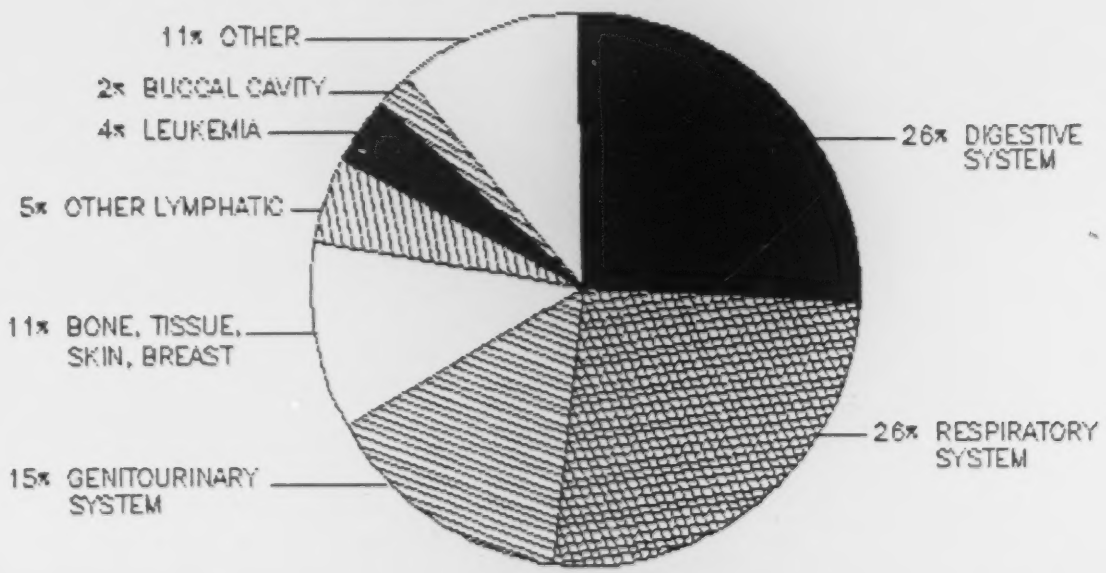


TABLE C-18A
ACCIDENTAL DEATHS, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1986	4,182	35.2	95,640**	39.7	1966	5,223	44.9	113,563	58.0
1985	4,113	34.7	93,457	39.1	1965	5,351	46.4	108,004	55.7
1984	4,178	35.1	92,911	39.3	1964	5,165	45.1	103,843	54.3
1983	4,147	34.9	92,488	39.5	1963	5,154	45.1	100,669	53.4
1982	4,112	34.6	94,082	40.6	1962	5,024	44.2	97,139	52.3
1981	4,375	36.9	100,704	43.9	1961	4,762	41.5	92,249	50.4
1980	4,586	38.7	105,718	46.7	1960	4,866	43.0	93,806	52.3
1979	4,777	40.7	105,312	46.9	1959	5,036	44.5	92,080	52.2
1978	4,487	38.2	105,561	48.4	1958	5,056	45.5	90,604	52.3
1977	4,654	39.5	103,202	47.7	1957	5,374	48.1	95,307	56.0
1976	4,531	38.2	100,761	46.9	1956	5,430	48.8	94,780	56.7
1975	4,702	39.8	103,030	48.4	1955	5,659	50.8	93,443	56.9
1974	4,798	40.6	104,622	49.5	1954	5,472	50.2	90,032	55.9
1973	5,140	43.2	115,821	55.2	1953	5,747	53.1	95,032	60.0
1972	5,259	44.1	115,448	55.4	1952	5,783	53.9	96,172	61.7
1971	5,387	45.3	113,439	55.0	1951	5,831	55.0	95,871	62.5
1970	5,336	45.2	114,638	57.6	1950	5,697	54.2	91,249	60.6
1969	5,362	45.4	116,385	57.8					
1968	5,589	47.5	114,864	57.6					
1967	5,459	46.9	113,169	57.2					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-14
ACCIDENTAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

TABLE C-18B
RESIDENT ACCIDENTAL DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1986

TYPE OF ACCIDENTAL DEATH*	ALL AGES	AGE AT DEATH (IN YEARS)								
		UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
TOTAL ACCIDENTAL DEATHS	4,182	132	168	828	657	345	283	365	470	934
MOTOR VEHICLE	1,977	26	97	661	401	168	145	159	160	160
POISONING	286	5	2	43	109	51	15	12	18	31
SURGICAL COMPLICATIONS, ETC.	203	5	2	1	5	8	11	30	55	86
FALLS	553	3	0	10	15	15	18	51	91	350
FIRES	256	41	36	25	33	18	18	11	30	44
SUBMERSION, SUFFOCATION, ETC.	399	38	17	47	34	23	29	38	47	126
OTHER ACCIDENTS	508	14	14	41	60	62	47	64	69	137

TABLE C-18C
RESIDENT ACCIDENTAL DEATHS BY TYPE AND SEX
NUMBER AND PERCENT: PENNSYLVANIA, 1986

TYPE OF ACCIDENTAL DEATH*	TOTAL	MALE		FEMALE	
		NUMBER	PERCENT	NUMBER	PERCENT
TOTAL ACCIDENTAL DEATHS	4,182	2,768	66.2	1,414	33.8
MOTOR VEHICLE	1,977	1,420	71.8	557	28.2
POISONING	286	209	73.1	77	26.9
SURGICAL COMPLICATIONS, ETC.	203	97	47.8	106	52.2
FALLS	553	269	48.6	284	51.4
FIRES	256	145	56.6	111	43.4
SUBMERSION, SUFFOCATION, ETC.	399	252	63.2	147	36.8
OTHER ACCIDENTS	508	376	74.0	132	26.0

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLES:
MOTOR VEHICLE=E810-E825
POISONING=E850-E869
SURGICAL COMPLICATIONS/MISADVENTURES=E870-E879
FALLS=E880-E888
FIRES=E890-E899
SUBMERSION, SUFFOCATION AND FOREIGN BODIES=E910-E915
OTHER ACCIDENTS=E800-E807, E826-E848, E900-E909, E916-E949

FIGURE C–15
RESIDENT ACCIDENTAL DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1986

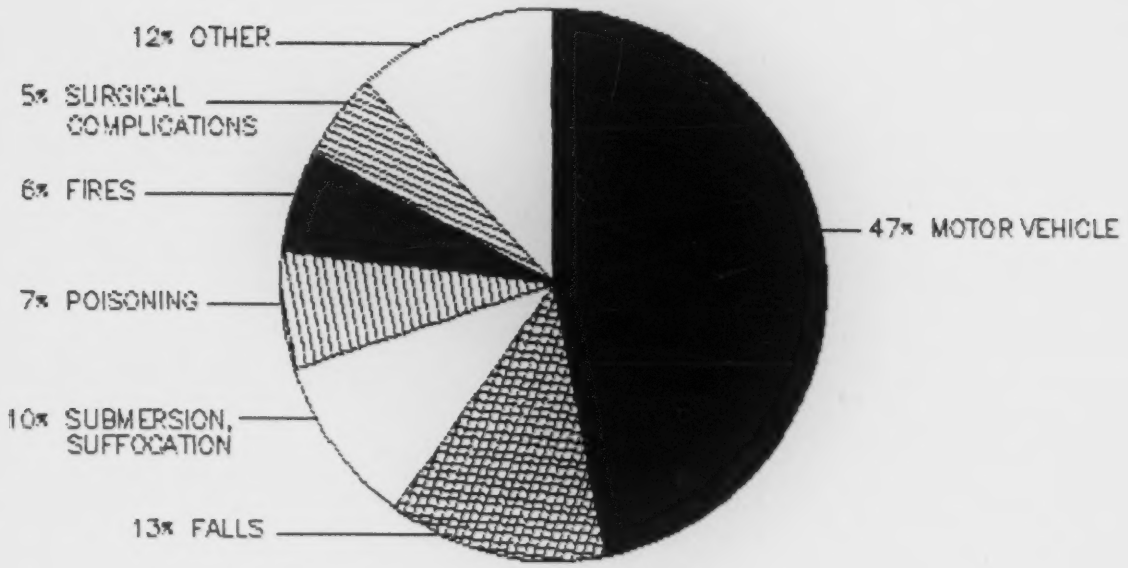


FIGURE C–16
RESIDENT ACCIDENTAL DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1986

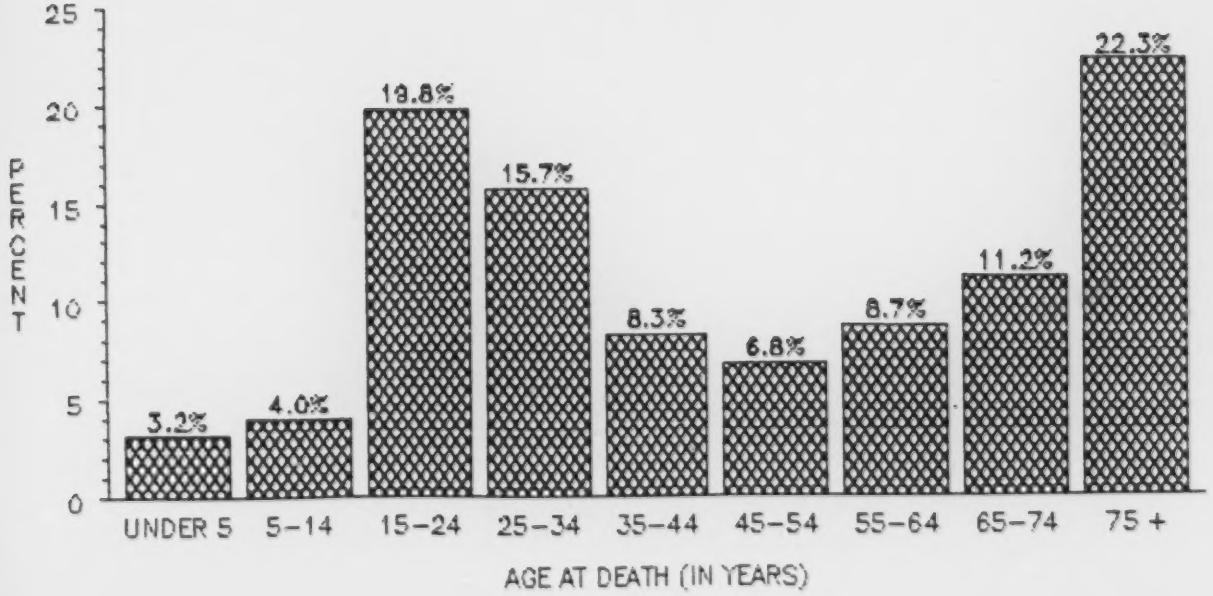


TABLE C-19
CEREBROVASCULAR DISEASE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1986	7,961	67.0	147,790**	61.3	1966	12,685	109.0	204,841	104.6
1985	8,175	68.9	153,050	64.1	1965	12,466	108.1	201,057	103.7
1984	8,334	70.0	154,327	65.3	1964	12,268	107.1	198,209	103.6
1983	8,384	70.6	155,598	66.5	1963	12,669	110.9	201,166	106.7
1982	8,559	72.0	157,710	68.0	1962	12,623	111.0	197,451	106.3
1981	8,913	75.1	163,504	71.3	1961	12,598	109.9	192,951	105.5
1980	9,539	80.4	170,225	75.1	1960	12,632	111.6	193,588	108.0
1979	9,132	77.8	169,488	77.0	1959	12,780	112.9	191,376	108.5
1978	9,559	81.4	175,629	80.5	1958	12,700	114.4	190,758	110.1
1977	10,356	87.9	181,934	84.1	1957	12,755	114.2	187,709	110.2
1976	10,749	90.6	188,623	87.9	1956	11,997	107.8	177,845	106.3
1975	11,311	95.6	194,038	91.1	1955	12,210	109.7	174,142	106.0
1974	12,014	101.5	207,424	98.1	1954	11,529	105.8	167,777	104.1
1973	12,616	106.0	214,313	102.1	1953	11,921	110.1	169,800	107.3
1972	12,438	104.3	213,344	102.5	1952	11,704	109.1	166,331	106.8
1971	12,472	105.0	209,092	101.1	1951	11,475	108.3	163,550	106.6
1970	12,573	106.6	207,166	101.9	1950	11,043	105.0	156,751	104.0
1969	12,444	105.4	207,179	102.6					
1968	12,994	110.5	211,390	105.8					
1967	12,295	105.6	202,184	102.2					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-17
CEREBROVASCULAR DISEASE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

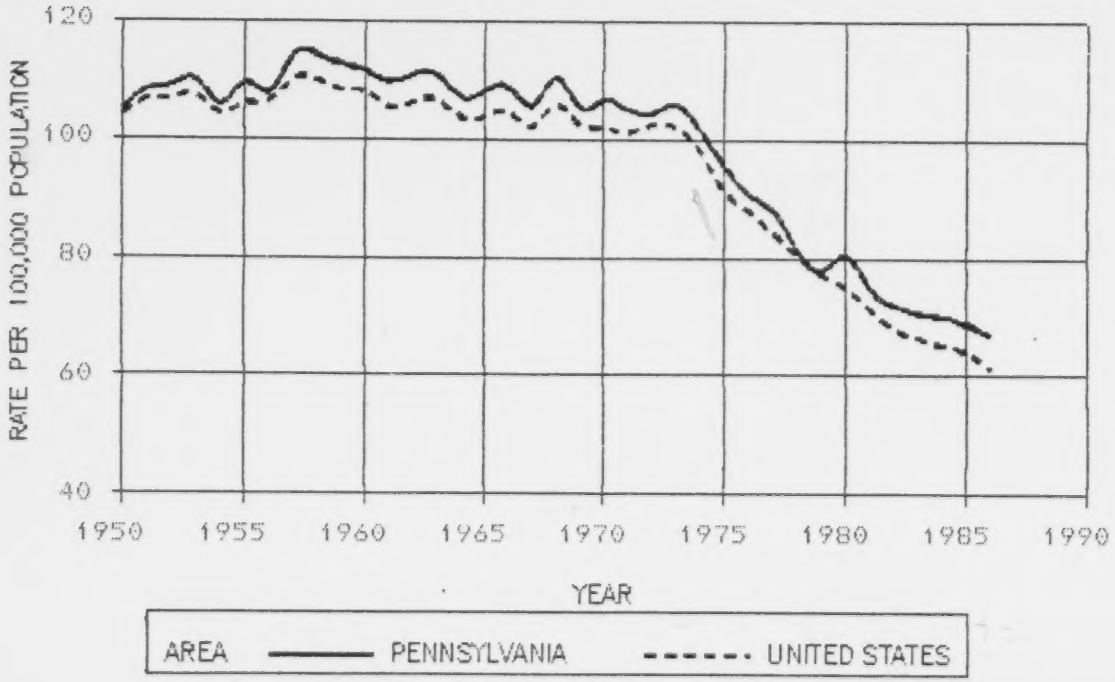


TABLE C-20
PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1986	3,622	30.5	70,500**	29.2	1966	3,515	30.2	63,615	32.5
1985	3,357	28.3	67,615	28.3	1965	3,709	32.2	61,903	31.9
1984	2,885	24.2	58,894	24.9	1964	3,393	29.6	59,451	31.1
1983	2,651	22.3	55,854	23.9	1963	4,294	37.6	70,761	37.5
1982	2,386	20.1	48,886	21.1	1962	3,529	31.0	59,995	32.3
1981	2,682	22.6	53,731	23.4	1961	3,247	28.3	55,175	30.1
1980	2,869	24.2	54,619	24.1	1960	3,889	34.3	66,803	37.3
1979	2,239	19.1	45,030	20.1	1959	3,293	29.1	55,039	31.2
1978	2,776	23.6	58,319	26.7	1958	3,494	31.5	57,439	33.1
1977	2,866	24.3	51,193	23.7	1957	3,833	34.3	61,001	35.8
1976	3,412	28.8	61,866	28.8	1956	2,996	26.9	47,103	28.2
1975	3,187	26.9	55,664	26.1	1955	2,862	25.7	44,510	27.1
1974	3,067	25.9	54,777	25.9	1954	2,406	22.1	40,991	25.4
1973	3,590	30.2	62,559	29.8	1953	3,061	28.3	52,238	33.0
1972	3,476	29.1	62,580	30.1	1952	3,113	29.0	46,265	29.7
1971	3,199	26.9	57,194	27.7	1951	3,379	31.9	48,169	31.4
1970	3,466	29.4	62,739	30.9	1950	3,116	29.6	47,120	31.3
1969	3,896	33.0	68,365	33.9					
1968	4,340	36.9	73,492	36.9					
1967	3,225	27.7	56,892	28.8					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-18
PNEUMONIA AND INFLUENZA DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

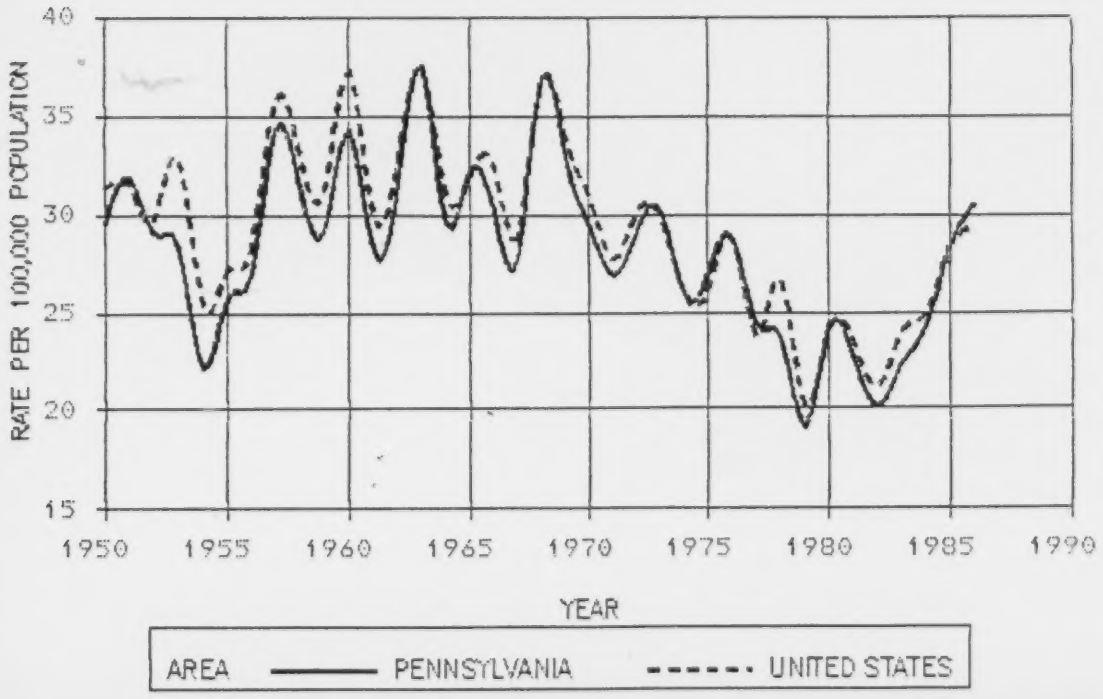


TABLE C-21A
SUICIDE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1986	1,443	12.1	31,470**	13.1	1966	1,099	9.4	21,281	10.9
1985	1,432	12.1	29,453	12.3	1965	1,131	9.8	21,507	11.1
1984	1,408	11.8	29,286	12.4	1964	1,100	9.6	20,588	10.8
1983	1,340	11.3	28,295	12.1	1963	1,134	9.9	20,825	11.0
1982	1,344	11.3	28,242	12.2	1962	1,150	10.1	20,207	10.9
1981	1,310	11.0	27,596	12.0	1961	1,097	9.6	18,999	10.4
1980	1,317	11.1	26,869	11.9	1960	1,099	9.7	19,041	10.6
1979	1,346	11.5	27,206	12.1	1959	1,100	9.9	18,633	10.6
1978	1,396	11.9	27,294	12.5	1958	1,113	10.0	18,519	10.7
1977	1,430	12.1	28,681	13.3	1957	1,044	9.3	16,632	9.8
1976	1,371	11.6	26,832	12.5	1956	1,121	10.1	16,727	10.0
1975	1,377	11.6	27,063	12.7	1955	1,035	9.3	16,760	10.2
1974	1,318	11.1	25,683	12.1	1954	988	9.1	16,356	10.1
1973	1,342	11.3	25,118	12.0	1953	1,006	9.3	15,947	10.1
1972	1,349	11.3	25,004	12.0	1952	1,028	9.6	15,567	10.0
1971	1,271	10.7	24,092	11.7	1951	1,083	10.2	15,909	10.4
1970	1,337	11.3	23,480	11.6	1950	1,101	10.5	17,145	11.4
1969	1,133	9.6	22,364	11.1					
1968	1,190	10.1	21,372	10.7					
1967	1,059	9.1	21,325	10.8					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-19
SUICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

TABLE C-21B
RESIDENT SUICIDE DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1986

AGE GROUP (IN YEARS)	ALL RACES			WHITE			ALL OTHER RACES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES	1,443	1,168	275	1,330	1,071	259	113	97	16
UNDER 15	9	7	2	7	6	1	2	1	1
15-24	214	187	27	198	174	24	16	13	3
25-34	324	279	45	275	235	40	49	44	5
35-44	229	179	50	212	162	50	17	17	0
45-54	169	124	45	158	117	41	11	7	4
55-64	204	152	52	196	144	52	8	8	0
65-74	158	129	29	154	126	28	4	3	1
75+	136	111	25	130	107	23	6	4	2

FIGURE C-20
RESIDENT SUICIDE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1986

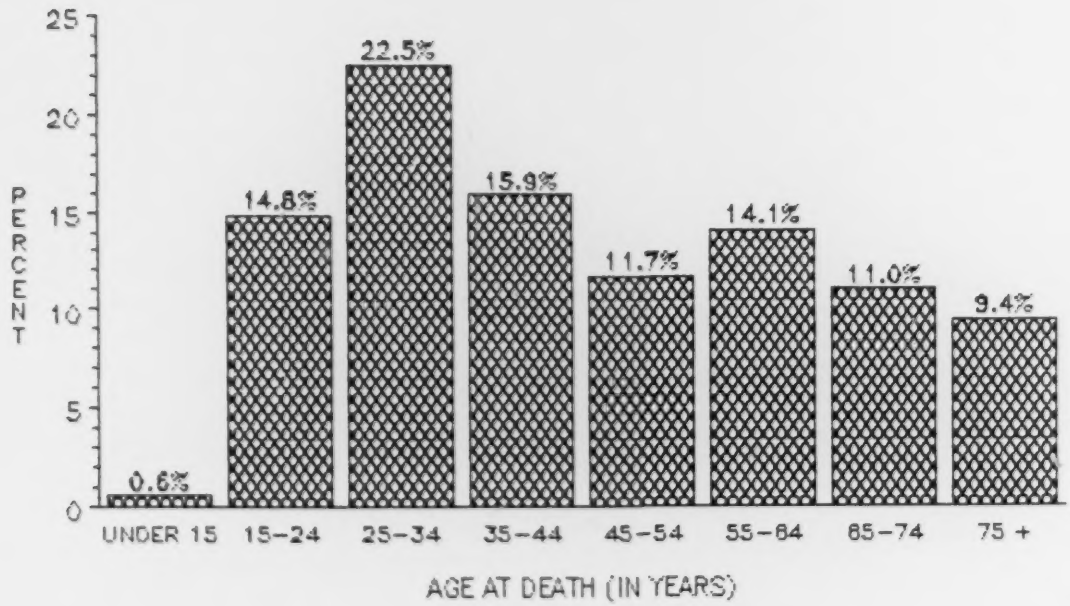


TABLE C-22A
HOMICIDE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS AND UNITED STATES, 1950-1986

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1986	658	5.5	21,400**	8.9	1966	389	3.3	11,606	5.9
1985	588	5.0	19,893	8.3	1965	388	3.4	10,712	5.5
1984	580	4.9	19,796	8.4	1964	403	3.5	9,814	5.1
1983	613	5.2	20,191	8.6	1963	288	2.5	9,225	4.9
1982	713	6.0	22,358	9.6	1962	318	2.8	9,013	4.8
1981	768	6.5	23,646	10.3	1961	304	2.7	8,578	4.7
1980	827	7.0	24,278	10.7	1960	302	2.7	8,464	4.7
1979	760	6.5	22,550	10.0	1959	286	2.5	8,159	4.6
1978	736	6.3	20,432	9.4	1958	273	2.5	7,815	4.5
1977	668	5.7	19,968	9.2	1957	258	2.3	7,641	4.5
1976	746	6.3	19,554	9.1	1956	279	2.5	7,629	4.6
1975	843	7.1	21,310	10.0	1955	248	2.2	7,418	4.5
1974	859	7.3	21,465	10.2	1954	304	2.8	7,735	4.8
1973	826	6.9	20,465	9.8	1953	288	2.6	7,640	4.8
1972	761	6.4	19,638	9.4	1952	288	2.7	8,054	5.2
1971	749	6.3	18,787	9.1	1951	296	2.8	7,495	4.9
1970	657	5.6	16,848	8.3	1950	284	2.7	7,942	5.3
1969	516	4.4	15,477	7.7					
1968	473	4.0	14,686	7.4					
1967	459	3.9	13,425	6.8					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-21
HOMICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

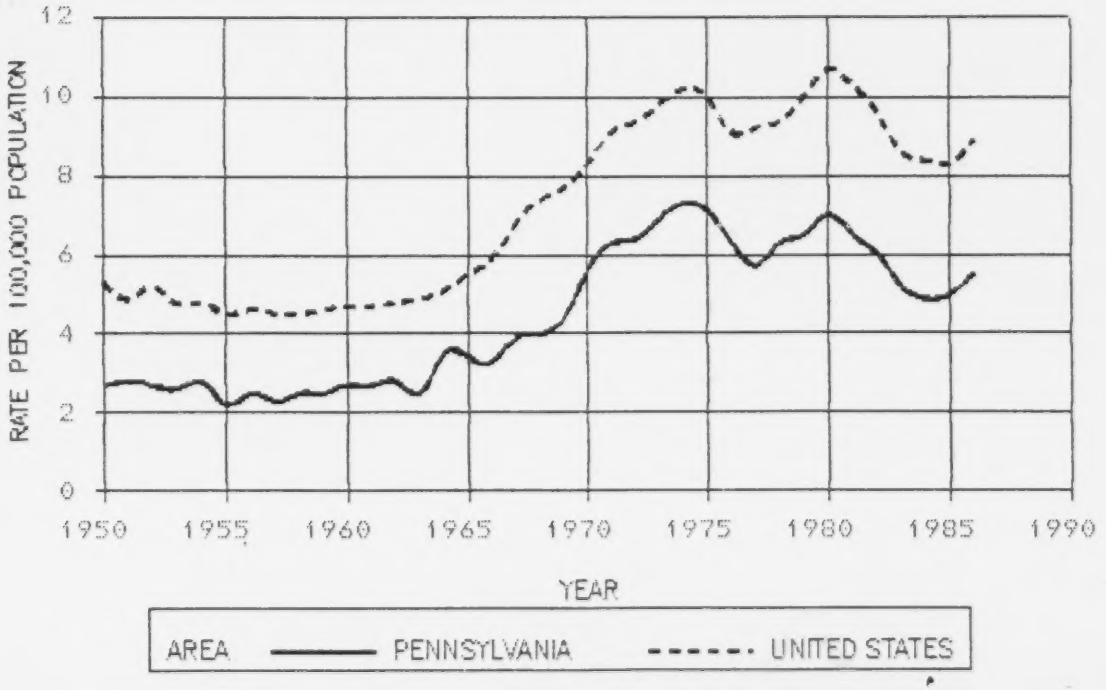


TABLE C-22B
RESIDENT HOMICIDE DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1986

AGE GROUP (IN YEARS)	ALL RACES			WHITE			ALL OTHER RACES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES	658	476	182	330	224	106	328	252	76
UNDER 15	36	20	16	19	11	8	17	9	8
15-24	147	111	36	74	53	21	73	58	15
25-34	198	163	35	80	64	16	118	99	19
35-44	111	80	31	56	39	17	55	41	14
45-54	59	43	16	32	23	9	27	20	7
55-64	46	33	13	18	12	6	28	21	7
65-74	36	15	21	31	14	17	5	1	4
75+	25	11	14	20	8	12	5	3	2

FIGURE C-22
RESIDENT HOMICIDE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1986

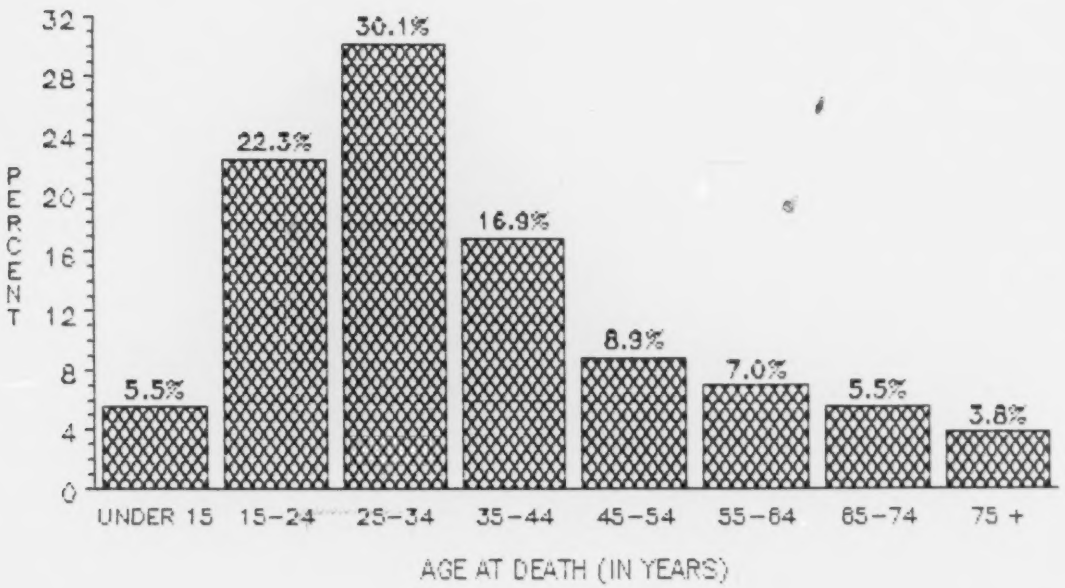


TABLE C-23
RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS
BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA, 1986

	LIVE BIRTHS		ALL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER**	RATE
ALL COUNTIES	160,336	13.5	123,852	10.4	1,628	10.2	1,084	6.8	1,776	11.0
ADAMS	1,000	14.0	663	9.3	9	9.0	5	5.0	4	4.0
ALLEGHENY	17,553	12.8	15,697	11.4	198	11.3	152	8.7	226	12.7
ARMSTRONG	961	12.2	901	11.5	11	11.4	6	6.2	10	10.3
BEAVER	2,241	11.6	1,932	10.0	21	9.4	9	4.0	20	8.8
BEDFORD	551	11.6	470	9.9	5	9.1	4	7.3	5	9.0
BERKS	4,149	12.9	3,348	10.4	46	11.1	27	6.5	47	11.2
BLAIR	1,666	12.6	1,616	12.2	18	10.8	13	7.8	22	13.0
BRADFORD	886	13.8	591	9.2	4	4.5	3	3.4	12	13.4
BUCKS	7,299	14.0	3,943	7.6	38	5.2	26	3.6	60	8.2
BUTLER	2,043	13.5	1,399	9.3	19	9.3	16	7.8	16	7.8
CAMBRIA	1,893	10.9	1,941	11.2	19	10.0	11	5.8	15	7.9
CAMERON	99	15.2	63	9.7	0	-	0	-	3	29.4
CARBON	580	10.7	678	12.5	5	8.6	4	6.9	5	8.5
CENTRE	1,366	11.9	747	6.5	16	11.7	10	7.3	11	8.0
CHESTER	5,118	15.1	2,614	7.7	43	8.4	27	5.3	49	9.5
CLARION	492	11.5	387	9.1	5	10.2	2	4.1	5	10.1
CLEARFIELD	1,128	13.7	870	10.6	13	11.5	9	8.0	16	14.0
CLINTON	434	11.4	376	9.9	3	6.9	3	6.9	4	9.1
COLUMBIA	730	11.9	649	10.6	5	6.8	1	1.4	10	13.5
CRAWFORD	1,153	13.2	891	10.2	16	13.9	10	8.7	6	5.2
CUMBERLAND	2,138	11.3	1,560	8.2	18	8.4	11	5.1	21	9.7
DAUPHIN	3,545	15.0	2,416	10.2	34	9.6	26	7.3	45	12.5
DELAWARE	7,986	14.2	5,716	10.2	56	7.0	42	5.3	75	9.3
ELK	524	14.0	373	9.9	4	7.6	3	5.7	8	15.0
ERIE	4,064	14.6	2,566	9.2	32	7.9	20	4.9	60	14.5
FAYETTE	1,791	11.5	1,770	11.4	14	7.8	8	4.5	28	15.4
FOREST	55	11.4	68	14.1	2	36.4	2	36.4	-	-
FRANKLIN	1,521	12.8	1,048	8.8	18	11.8	9	5.9	9	5.9
FULTON	187	13.4	111	7.9	0	-	0	-	2	10.6
GREENE	465	11.4	456	11.2	9	19.4	5	10.8	5	10.6
HUNTINGDON	514	12.0	408	9.5	2	3.9	1	1.9	9	17.2
INDIANA	1,093	11.8	811	8.8	20	18.3	14	12.8	9	8.2
JEFFERSON	617	12.7	558	11.5	11	17.8	9	14.6	3	4.8
JUNIATA	258	12.9	191	9.6	3	11.6	1	3.9	6	22.7
LACKAWANNA	2,636	11.8	2,828	12.7	18	6.8	8	3.0	27	10.1
LANCASTER	6,194	15.7	3,355	8.5	63	10.2	43	6.9	72	11.5
LAWRENCE	1,143	11.2	1,149	11.3	15	13.1	5	4.4	9	7.8
LEBANON	1,377	12.3	1,209	10.8	7	5.1	4	2.9	10	7.2
LEHIGH	3,626	12.9	2,801	10.0	35	9.7	28	7.7	36	9.8
LUZERNE	3,810	11.5	4,221	12.7	32	8.4	23	6.0	35	9.1
LYCOMING	1,610	13.8	1,142	9.8	12	7.5	6	3.7	22	13.5
MCKEAN	625	13.2	564	11.9	7	11.2	4	6.4	6	9.5
MERCER	1,436	11.6	1,306	10.6	10	7.0	5	3.5	17	11.7
MIFFLIN	579	12.5	492	10.6	3	5.2	2	3.5	7	11.9
MONROE	907	11.0	738	8.9	9	9.9	5	5.5	7	7.7
MONTGOMERY	9,052	13.5	6,184	9.2	71	7.8	46	5.1	83	9.1
MONTOUR	239	14.3	211	12.6	0	-	0	-	1	4.2
NORTHAMPTON	2,718	11.6	2,229	9.5	29	10.7	16	5.9	23	8.4
NORTHUMBERLAND	1,181	11.9	1,253	12.6	7	5.9	3	2.5	18	15.0
PERRY	547	14.1	337	8.7	6	11.0	3	5.5	4	7.3
PHILADELPHIA	28,040	17.1	20,221	12.3	427	15.2	280	10.0	381	13.4
PIKE	241	10.8	235	10.5	2	8.3	1	4.1	1	4.1
POTTER	238	13.0	170	9.3	5	21.0	1	4.2	-	-
SCHUYLKILL	1,709	10.9	2,151	13.8	12	7.0	7	4.1	19	11.0
SNYDER	516	14.5	326	9.2	6	11.6	5	9.7	8	15.3
SOMERSET	929	11.5	872	10.8	6	6.5	4	4.3	13	13.8
SULLIVAN	62	9.8	98	15.6	0	-	0	-	2	31.3
SUSQUEHANNA	526	13.2	369	9.2	4	7.6	3	5.7	10	18.7
TIOGA	505	12.5	411	10.1	5	9.9	4	7.9	10	19.4
UNION	438	12.7	306	8.8	8	18.3	5	11.4	5	11.3
VENANGO	790	12.7	635	10.2	5	6.3	5	6.3	14	17.4
WARREN	591	12.7	506	10.9	5	8.5	5	8.5	4	6.7
WASHINGTON	2,353	11.1	2,252	10.6	20	8.5	17	7.2	26	10.9
WAYNE	466	12.0	434	11.2	5	10.7	5	10.7	8	16.9
WESTMORELAND	4,350	11.4	3,989	10.5	40	9.2	33	7.6	31	7.1
WYOMING	380	13.7	243	8.7	6	15.8	2	5.3	1	2.6
YORK	4,422	13.5	2,787	8.5	31	7.0	17	3.8	40	9.0

* BIRTH AND DEATH CRUDE RATES PER 1,000 ESTIMATED 1986 POPULATION. INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS. FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

FIGURE C–23
RESIDENT CRUDE DEATH RATES BY COUNTY
PENNSYLVANIA, 1986

RATE < 9.0 9.0–9.9 10.0–10.9 11.0 +

NOTE: RATE PER 1,000 POPULATION, 1986. SEE TABLE C–23 FOR COUNTY RATES.

FIGURE C–24
RESIDENT INFANT DEATH RATES BY COUNTY
PENNSYLVANIA, 1986

NOTE: RATE PER 1,000 LIVE BIRTHS, 1986. SEE TABLE C–23 FOR COUNTY RATES.

FIGURE C–25
RESIDENT NEONATAL DEATH RATES BY COUNTY
PENNSYLVANIA, 1986

NOTE: RATE PER 1,000 LIVE BIRTHS, 1986. SEE TABLE C–23 FOR COUNTY RATES.

TABLE C-24
RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS BY COUNTY
NUMBER AND RATE*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986

	ALL DEATHS 1982-1986		INFANT DEATHS 1982-1986		NEONATAL DEATHS 1982-1986	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	607,959	10.2	8,613	10.8	5,963	7.5
ADAMS	3,155	9.0	31	6.2	20	4.0
ALLEGHENY	78,360	11.2	1,052	11.8	799	9.0
ARMSTRONG	4,291	10.9	44	8.7	31	6.1
BEAVER	9,782	9.9	122	10.1	78	6.5
BEDFORD	2,340	9.8	36	12.5	25	8.7
BERKS	15,798	9.9	197	9.5	139	6.7
BLAIR	7,881	11.8	101	11.8	73	8.5
BRADFORD	2,983	9.3	43	9.3	24	5.2
BUCKS	18,443	7.3	259	7.3	189	5.3
BUTLER	6,745	9.0	88	8.5	60	5.8
CAMBRIA	9,689	11.0	112	10.8	81	7.8
CAMERON	390	11.8	3	5.9	0	-
CARBON	3,317	12.3	22	7.2	18	5.9
CENTRE	3,445	6.0	65	9.7	48	7.2
CHESTER	12,500	7.5	239	10.0	168	7.0
CLARION	2,020	9.4	27	9.8	18	6.5
CLEARFIELD	4,262	10.3	66	11.8	45	8.0
CLINTON	1,890	9.8	28	11.6	17	7.0
COLUMBIA	3,185	10.3	29	7.7	13	3.5
CRAWFORD	4,402	9.9	75	12.0	50	8.0
CUMBERLAND	7,591	8.1	107	9.9	75	7.0
DAUPHIN	11,650	9.9	190	11.3	135	8.0
DELAWARE	28,774	10.4	343	8.8	261	6.7
ELK	1,753	9.3	25	9.3	17	6.4
ERIE	12,926	9.2	257	12.3	177	8.5
FAYETTE	8,940	11.4	97	9.9	60	6.1
FOREST	296	12.0	4	14.5	4	14.5
FRANKLIN	5,176	8.9	71	9.5	51	6.8
FULTON	547	8.1	3	3.3	3	3.3
GREENE	2,133	10.4	34	12.7	27	10.1
HUNTINGDON	1,971	9.2	13	4.8	6	2.2
INDIANA	3,963	8.6	66	11.1	50	8.4
JEFFERSON	2,588	10.7	40	11.7	29	8.5
JUNIATA	967	9.8	16	11.7	8	5.9
LACKAWANNA	13,979	12.5	118	8.8	77	5.7
LANCASTER	16,097	8.4	266	8.9	176	5.9
LAWRENCE	5,530	10.6	63	10.0	34	5.4
LEBANON	5,423	9.7	59	8.2	33	4.6
LEHIGH	13,372	9.6	157	8.9	112	6.3
LUZERNE	21,249	12.7	158	8.4	116	6.2
LYCOMING	5,758	9.8	66	8.0	36	4.3
MCKEAN	2,814	11.5	37	11.5	24	7.4
MERCER	6,348	10.1	64	8.4	47	6.2
MIFFLIN	2,316	10.0	27	8.6	10	3.2
MONROE	3,418	8.8	44	9.6	32	7.0
MONTGOMERY	30,257	9.2	415	9.6	287	6.6
MONTOUR	1,087	12.9	7	5.7	6	4.9
NORTHAMPTON	10,707	9.3	124	9.1	84	6.1
NORTHUMBERLAND	6,222	12.5	42	6.9	23	3.8
PERRY	1,598	8.5	21	8.0	15	5.7
PHILADELPHIA	100,801	12.2	2,120	16.2	1,404	10.7
PIKE	1,104	10.7	11	9.7	8	7.0
POTTER	869	9.6	13	9.7	5	3.7
SCHUYLKILL	10,556	13.4	80	9.0	50	5.6
SNYDER	1,493	8.5	21	8.4	12	4.8
SOMERSET	4,046	9.9	60	11.4	44	8.4
SULLIVAN	407	13.0	1	3.0	0	-
SUSQUEHANNA	1,824	9.4	26	9.4	17	6.1
TIOGA	1,951	9.6	21	7.8	17	6.3
UNION	1,480	8.7	22	10.1	12	5.5
VENANGO	3,261	10.3	44	10.5	33	7.8
WARREN	2,514	10.6	35	11.1	21	6.7
WASHINGTON	11,356	10.5	143	11.3	107	8.5
WAYNE	2,112	11.3	27	11.2	15	6.2
WESTMORELAND	19,343	10.0	209	9.3	168	7.5
WYOMING	1,108	8.1	20	10.1	13	6.6
YORK	13,406	8.3	187	8.8	126	5.9

* CRUDE DEATH RATE PER 1,000 POPULATION FOR EACH COUNTY, 1982-1986.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS FOR EACH COUNTY, 1982-1986.

FIGURE C–26
RESIDENT CRUDE DEATH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1982–1986

NOTE: RATE PER 1,000 POPULATION, 1982–1986. SEE TABLE C–24 FOR COUNTY RATES.

FIGURE C–27
RESIDENT INFANT DEATH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1982–1986

RATE < 7.5 7.5–9.4 9.5–11.4 11.5 +

NOTE: RATE PER 1,000 LIVE BIRTHS, 1982–1986. SEE TABLE C–24 FOR COUNTY RATES.

FIGURE C–28
RESIDENT NEONATAL DEATH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1982–1986

RATE < 4.0 4.0–5.9 6.0–7.9 8.0 +

NOTE: RATE PER 1,000 LIVE BIRTHS, 1982–1986. SEE TABLE C–24 FOR COUNTY RATES.

TABLE C-25
AGE-ADJUSTED DEATH RATES* BY SEX AND COUNTY
PENNSYLVANIA RESIDENTS, 1986 AND FIVE YEAR SUMMARY, 1982-1986

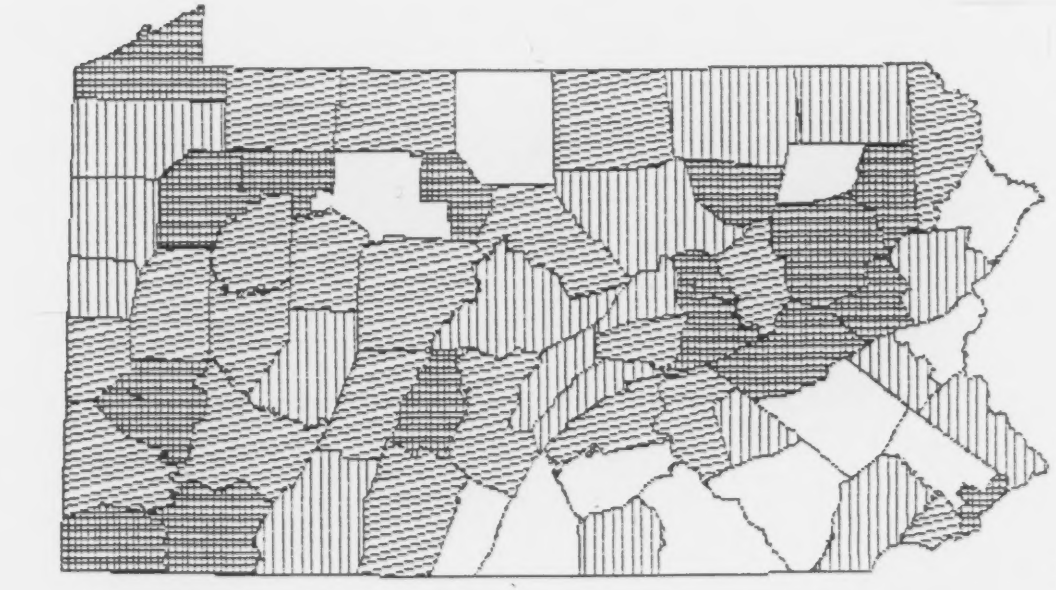
	1986			1982 - 1986		
COUNTY	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL COUNTIES	5.5	7.1	4.3	5.6	7.3	4.3
ADAMS	5.1	6.5	3.9	5.2	6.7	3.9
ALLEGHENY	5.5	7.1	4.4	5.7	7.4	4.4
ARMSTRONG	5.4	7.1	4.0	5.4	6.9	4.1
BEAVER	5.2	6.3	4.3	5.5	7.0	4.2
BEDFORD	5.3	7.3	3.7	5.5	7.1	4.2
BERKS	5.2	6.8	3.9	5.0	6.5	3.9
BLAIR	5.8	7.5	4.4	5.8	7.7	4.5
BRADFORD	4.9	6.5	3.6	5.2	6.7	3.9
BUCKS	5.2	6.5	4.2	5.3	6.6	4.2
BUTLER	5.4	6.8	4.2	5.4	6.9	4.2
CAMBRIA	5.5	7.1	4.3	5.6	7.5	4.1
CAMERON	4.9	5.8	4.2	6.1	8.1	4.4
CARBON	5.8	7.6	4.3	5.8	7.8	4.3
CENTRE	5.7	8.3	4.0	5.1	6.5	4.0
CHESTER	5.0	6.1	4.1	5.1	6.4	4.0
CLARION	5.2	7.1	3.6	5.6	7.3	4.2
CLEARFIELD	5.4	7.1	4.1	5.5	7.2	4.1
CLINTON	5.2	6.5	4.1	5.5	7.2	4.1
COLUMBIA	5.2	6.6	4.1	5.4	6.9	4.3
CRAWFORD	5.3	6.8	4.1	5.3	6.6	4.2
CUMBERLAND	4.6	5.8	3.8	4.8	6.1	3.8
DAUPHIN	5.6	7.5	4.2	5.6	7.4	4.3
DELAWARE	5.2	6.6	4.1	5.5	7.0	4.3
ELK	5.0	6.1	4.2	5.0	6.3	4.0
ERIE	5.5	7.0	4.3	5.7	7.2	4.5
FAYETTE	5.6	7.2	4.4	5.9	7.7	4.5
FOREST	6.4	7.4	5.1	6.1	8.0	4.3
FRANKLIN	5.0	6.4	3.8	5.0	6.4	3.8
FULTON	4.3	5.8	2.9	4.8	5.9	3.8
GREENE	5.8	7.1	4.7	5.8	7.5	4.4
HUNTINGDON	5.9	8.0	4.3	5.5	7.5	3.9
INDIANA	5.4	6.5	4.5	5.3	6.6	4.2
JEFFERSON	5.4	6.6	4.5	5.4	6.9	4.1
JUNIATA	5.0	6.2	4.2	5.3	6.7	4.2
LACKAWANNA	5.6	7.4	4.2	5.7	7.7	4.3
LANCASTER	4.7	5.9	3.8	4.7	6.0	3.7
LAWRENCE	5.2	6.7	4.1	5.2	6.6	4.1
LEBANON	5.9	7.9	4.2	5.3	6.9	4.0
LEHIGH	5.1	6.5	4.0	5.1	6.6	3.9
LUZERNE	5.7	7.6	4.3	5.8	7.9	4.3
LYCOMING	5.1	6.8	3.8	5.2	6.8	3.9
MCKEAN	5.5	7.1	4.2	5.6	7.1	4.3
MERCER	5.0	6.1	4.3	5.1	6.5	4.1
MIFFLIN	5.4	7.5	3.8	5.3	7.3	3.8
MONROE	5.0	6.3	3.8	5.1	6.4	3.9
MONTGOMERY	4.6	5.8	3.6	4.8	6.0	3.7
MONTOUR	5.8	7.4	4.5	5.8	7.1	4.9
NORTHAMPTON	5.1	6.4	4.0	5.0	6.6	3.8
NORTHUMBERLAND	5.5	7.5	4.1	5.8	7.7	4.3
PERRY	5.7	7.1	4.6	5.6	7.1	4.3
PHILADELPHIA	7.1	9.5	5.3	7.1	9.5	5.3
PIKE	4.5	5.8	3.4	4.9	6.2	3.7
POTTER	4.4	5.3	3.6	4.9	6.5	3.5
SCHUYLKILL	6.1	8.2	4.5	6.1	8.2	4.5
SNYDER	5.8	7.8	4.0	5.5	7.0	4.1
SOMERSET	5.3	7.3	3.8	5.3	6.9	3.9
SULLIVAN	6.7	8.4	5.3	5.9	7.7	4.3
SUSQUEHANNA	4.9	6.7	3.4	5.1	6.7	3.8
TIOGA	5.4	7.1	3.9	5.4	6.8	4.1
UNION	4.9	6.4	3.7	5.2	6.7	3.9
VENANGO	5.7	8.1	3.7	5.8	7.4	4.5
WARREN	5.5	6.7	4.5	5.6	6.8	4.5
WASHINGTON	5.3	6.8	4.1	5.5	7.1	4.2
WAYNE	5.2	6.6	4.1	5.4	7.0	4.0
WESTMORELAND	5.4	7.0	4.0	5.4	7.0	4.1
WYOMING	5.3	6.1	4.6	5.0	6.6	3.8
YORK	4.9	6.1	3.8	4.9	6.3	3.8

*AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES PER 1,000 POPULATION.

FIGURE C–29
AGE–ADJUSTED DEATH RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1986

NOTE: SEE TABLE C–25 FOR COUNTY RATES AND THE DEFINITION OF RATE.

FIGURE C–30
AGE–ADJUSTED DEATH RATES BY COUNTY
PENNSYLVANIA RESIDENTS, FIVE YEAR SUMMARY, 1982–1986



NOTE: SEE TABLE C–25 FOR COUNTY RATES AND THE DEFINITION OF RATE.

TABLE C-26
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1986

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALL COUNTIES	123,852	1,897	158	184	653	961	2,256	2,915	5,698	16,704	31,263	35,799	25,364
ADAMS	663	10	0	1	3	10	12	16	26	71	142	208	164
ALLEGHENY	15,697	223	9	20	64	86	255	284	694	2,155	4,211	4,545	3,151
ARMSTRONG	901	12	1	0	3	8	8	15	40	113	221	289	191
BEAVER	1,932	27	3	7	8	11	27	29	78	310	530	553	349
BEDFORD	470	5	0	4	1	12	4	10	26	54	122	135	97
BERKS	3,348	57	2	5	19	27	56	74	147	407	811	1,050	693
BLAIR	1,616	19	2	3	12	6	18	33	66	210	386	496	365
BRADFORD	591	6	2	1	2	12	8	9	23	72	149	158	149
BUCKS	3,943	44	6	10	33	35	105	99	213	584	903	1,078	833
BUTLER	1,399	22	1	1	9	9	25	29	61	178	336	407	321
CAMBRIA	1,941	23	3	6	7	14	24	41	73	279	557	527	387
CAMERON	63	1	0	1	0	2	0	2	3	6	16	21	11
CARBON	678	5	0	3	2	7	14	13	31	78	182	218	125
CENTRE	747	17	2	0	4	7	10	17	41	90	197	214	148
CHESTER	2,614	47	3	4	14	33	54	93	132	323	605	699	607
CLARION	387	5	1	1	0	5	8	8	12	49	89	121	88
CLEARFIELD	870	16	2	4	7	7	7	17	37	115	210	265	183
CLINTON	376	4	2	0	5	4	5	9	16	32	104	125	70
COLUMBIA	649	5	0	1	0	4	4	11	23	88	165	207	141
CRAWFORD	891	19	1	1	8	5	14	16	34	114	218	263	198
CUMBERLAND	1,560	19	2	1	9	10	20	38	71	209	374	433	374
DAUPHIN	2,416	38	3	2	9	19	54	57	106	359	600	698	471
DELAWARE	5,716	70	5	2	28	41	96	145	243	791	1,402	1,631	1,262
ELK	373	4	2	1	3	7	2	4	14	44	91	116	85
ERIE	2,566	35	3	2	15	16	40	58	126	380	673	685	533
FAYETTE	1,770	15	5	2	6	14	32	33	73	251	486	515	338
FOREST	68	2	0	0	0	0	0	2	1	4	26	23	10
FRANKLIN	1,048	20	1	3	11	10	22	32	46	135	266	287	215
FULTON	111	0	0	0	0	0	2	2	5	12	21	48	21
GREENE	456	9	0	1	1	0	6	14	18	54	112	135	106
HUNTINGDON	408	5	1	0	7	6	11	13	24	51	119	111	60
INDIANA	811	22	1	0	6	8	16	21	31	90	212	240	164
JEFFERSON	558	13	2	0	2	2	12	4	22	47	134	192	128

(CONTINUED)

TABLE C-26
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1986

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
JUNIATA	191	4	0	0	4	1	2	5	8	21	37	63	46
LACKAWANNA	2,828	24	3	3	18	16	27	38	108	381	737	939	534
LANCASTER	3,355	80	7	13	19	23	58	60	121	369	723	1,022	860
LAWRENCE	1,149	18	2	2	7	5	18	22	31	163	299	319	263
LEBANON	1,209	8	2	2	9	14	19	23	61	172	316	321	262
LEHIGH	2,801	44	3	4	4	26	44	63	113	377	698	794	631
LUZERNE	4,221	41	4	6	17	31	61	88	166	560	1,155	1,339	753
LYCOMING	1,142	17	0	0	9	15	14	24	54	135	248	388	238
MCKEAN	564	7	1	1	4	4	8	8	26	69	125	189	122
MERCER	1,306	10	0	4	5	7	11	40	51	146	324	393	315
MIFFLIN	492	4	2	1	3	4	10	17	20	62	119	147	103
MONROE	738	10	2	1	7	5	11	19	30	104	203	195	151
MONTGOMERY	6,184	75	4	6	31	45	101	136	284	780	1,328	1,823	1,571
MONTOUR	211	1	0	2	4	0	1	4	7	27	40	70	55
NORTHAMPTON	2,229	32	8	1	11	14	36	41	102	297	631	631	425
NORTHUMBERLAND	1,253	10	1	1	3	10	17	21	43	147	342	406	252
PERRY	337	6	0	0	1	5	6	8	16	55	85	93	62
PHILADELPHIA	20,221	492	35	25	85	184	607	718	1,257	2,989	5,058	5,338	3,433
PIKE	235	2	0	0	0	1	5	2	7	34	67	66	51
POTTER	170	5	0	0	2	2	1	3	2	18	34	55	48
SCHUYLKILL	2,151	15	2	0	14	13	29	41	74	319	645	655	344
SNYDER	326	8	0	0	2	3	6	14	11	44	86	86	66
SOMERSET	872	7	1	1	1	10	8	17	37	104	247	236	203
SULLIVAN	98	0	0	0	0	1	2	2	3	15	17	34	24
SUSQUEHANNA	369	7	0	2	3	4	7	7	11	47	97	103	81
TIOGA	411	8	1	1	5	2	2	11	18	48	96	117	102
UNION	306	9	2	0	4	3	4	9	11	25	63	80	96
VENANGO	635	9	0	0	5	6	10	12	28	104	157	188	116
WARREN	506	7	0	5	4	1	5	17	18	63	120	147	119
WASHINGTON	2,252	22	4	4	12	13	37	43	101	317	598	637	464
WAYNE	434	5	0	0	2	1	5	12	19	54	103	123	110
WESTMORELAND	3,989	47	4	4	32	24	63	71	161	531	1,101	1,199	752
WYOMING	243	7	0	0	3	2	1	7	17	23	53	67	63
YORK	2,787	37	5	8	25	29	49	64	126	349	641	843	611

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

TABLE C-27
RESIDENT DEATHS BY SEX, RACE AND COUNTY
PENNSYLVANIA, 1986

COUNTY	TOTAL DEATHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL COUNTIES	123,852	112,436	57,023	55,413	11,416	6,144	5,272
ADAMS	663	656	337	319	7	4	3
ALLEGHENY	15,697	14,006	6,942	7,064	1,691	903	788
ARMSTRONG	901	889	473	416	12	11	1
BEAVER	1,932	1,811	925	886	121	68	53
BEDFORD	470	469	270	199	1	0	1
BERKS	3,348	3,272	1,710	1,562	76	42	34
BLAIR	1,616	1,604	820	784	12	6	6
BRADFORD	591	591	316	275	0	0	0
BUCKS	3,943	3,856	1,959	1,897	87	41	46
BUTLER	1,399	1,390	705	685	9	6	3
CAMBRIA	1,941	1,903	986	917	38	22	16
CAMERON	63	63	29	34	0	0	0
CARBON	678	678	351	327	0	0	0
CENTRE	747	741	396	345	6	1	5
CHESTER	2,614	2,419	1,186	1,233	195	103	92
CLARION	387	385	214	171	2	1	1
CLEARFIELD	870	860	444	416	10	5	5
CLINTON	376	376	192	184	0	0	0
COLUMBIA	649	649	322	327	0	0	0
CRAWFORD	891	875	454	421	16	8	8
CUMBERLAND	1,560	1,535	744	791	25	11	14
DAUPHIN	2,416	2,136	1,089	1,047	280	159	121
DELAWARE	5,716	5,184	2,483	2,701	532	284	248
ELK	373	372	198	174	1	0	1
ERIE	2,566	2,480	1,232	1,248	86	59	27
FAYETTE	1,770	1,713	879	834	57	30	27
FOREST	68	68	37	31	0	0	0
FRANKLIN	1,048	1,020	535	485	28	15	13
FULTON	111	110	68	42	1	0	1
GREENE	456	447	235	212	9	7	2
HUNTINGDON	408	401	226	175	7	3	4
INDIANA	811	806	407	399	5	2	3
JEFFERSON	558	557	291	266	1	0	1

(CONTINUED)

TABLE C-27
RESIDENT DEATHS BY SEX, RACE AND COUNTY
PENNSYLVANIA, 1986

COUNTY	TOTAL DEATHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
JUNIATA	191	191	99	92	0	0	0
LACKAWANNA	2,828	2,815	1,387	1,428	13	8	5
LANCASTER	3,355	3,293	1,619	1,674	62	35	27
LAWRENCE	1,149	1,121	562	559	28	19	9
LEBANON	1,209	1,202	660	542	7	6	1
LEHIGH	2,801	2,767	1,386	1,381	34	22	12
LUZERNE	4,221	4,208	2,082	2,126	13	8	5
LYCOMING	1,142	1,128	591	537	14	10	4
MCKEAN	564	563	298	265	1	0	1
MERCER	1,306	1,257	623	634	49	24	25
MIFFLIN	492	490	260	230	2	1	1
MONROE	738	732	385	347	6	4	2
MONTGOMERY	6,184	5,896	2,868	3,028	288	162	126
MONTOUR	211	209	98	111	2	1	1
NORTHAMPTON	2,229	2,200	1,129	1,071	29	14	15
NORTHUMBERLAND	1,253	1,246	640	606	7	3	4
PERRY	337	337	186	151	0	0	0
PHILADELPHIA	20,221	12,946	6,508	6,438	7,275	3,869	3,406
PIKE	235	234	129	105	1	1	0
POTTER	170	170	89	81	0	0	0
SCHUYLKILL	2,151	2,149	1,137	1,012	2	0	2
SNYDER	326	326	183	143	0	0	0
SOMERSET	872	870	478	392	2	0	2
SULLIVAN	98	98	54	44	0	0	0
SUSQUEHANNA	369	368	206	162	1	0	1
TIOGA	411	411	212	199	0	0	0
UNION	306	299	148	151	7	6	1
VENANGO	635	633	363	270	2	1	1
WARREN	506	506	256	250	0	0	0
WASHINGTON	2,252	2,157	1,102	1,055	95	61	34
WAYNE	434	433	217	216	1	1	0
WESTMORELAND	3,989	3,910	2,106	1,804	79	44	35
WYOMING	243	241	115	126	2	2	0
YORK	2,787	2,708	1,392	1,316	79	51	28

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

TABLE C-28
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	123,852	1041.7	47,991	403.7	446	3.8	1,114	9.4	14,499	122.0
ADAMS	663	931.2	283	397.5	4	5.6	13	18.3	56	78.7
ALLEGHENY	15,697	1142.8	6,278	457.0	72	5.2	132	9.6	2,289	166.6
ARMSTRONG	901	1147.8	395	503.2	3	3.8	6	7.6	202	257.3
BEAVER	1,932	1000.0	721	373.2	9	4.7	17	8.8	227	117.5
BEDFORD	470	985.3	205	429.8	1	2.1	8	16.8	63	132.1
BERKS	3,348	1043.0	1,173	365.4	20	6.2	30	9.3	331	103.1
BLAIR	1,616	1219.6	679	512.5	3	2.3	15	11.3	235	177.4
BRADFORD	591	919.2	208	323.5	4	6.2	2	3.1	63	98.0
BUCKS	3,943	755.2	1,436	275.0	17	3.3	35	6.7	442	84.7
BUTLER	1,399	925.9	565	373.9	3	2.0	5	3.3	240	158.8
CAMBRIA	1,941	1120.7	803	463.6	10	5.8	24	13.9	292	168.6
CAMERON	63	969.8	21	323.3	0	-	2	30.8	5	77.0
CARBON	678	1246.3	286	525.7	4	7.4	3	5.5	98	180.1
CENTRE	747	651.8	284	247.8	4	3.5	6	5.2	58	50.6
CHESTER	2,614	770.9	992	292.5	3	0.9	25	7.4	332	97.9
CLARION	387	908.4	173	406.1	4	9.4	3	7.0	45	105.6
CLEARFIELD	870	1059.7	374	455.5	2	2.4	11	13.4	103	125.5
CLINTON	376	986.8	152	398.9	0	-	3	7.9	54	141.7
COLUMBIA	649	1058.8	277	451.9	3	4.9	3	4.9	68	110.9
CRAWFORD	891	1021.9	342	392.2	4	4.6	8	9.2	123	141.1
CUMBERLAND	1,560	821.5	605	318.6	3	1.6	18	9.5	206	108.5
DAUPHIN	2,416	1020.7	959	405.2	9	3.8	20	8.4	294	124.2
DELAWARE	5,716	1019.6	2,174	387.8	25	4.5	72	12.8	539	96.1
ELK	373	994.8	153	408.1	0	-	3	8.0	52	138.7
ERIE	2,566	919.0	1,016	363.9	3	1.1	24	8.6	340	121.8
FAYETTE	1,770	1136.1	713	457.6	7	4.5	14	9.0	285	182.9
FOREST	68	1414.9	16	332.9	0	-	0	-	2	41.6
FRANKLIN	1,048	882.9	389	327.7	6	5.1	12	10.1	128	107.8
FULTON	111	793.5	45	321.7	1	7.1	5	35.7	10	71.5
GREENE	456	1117.7	193	473.1	1	2.5	0	-	56	137.3
HUNTINGDON	408	951.1	154	359.0	1	2.3	3	7.0	51	118.9
INDIANA	811	877.7	314	339.8	4	4.3	6	6.5	118	127.7
JEFFERSON	558	1152.7	230	475.1	1	2.1	3	6.2	77	159.1

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	191	955.0	79	395.0	1	5.0	1	5.0	26	130.0
LACKAWANNA	2,828	1268.1	1,296	581.2	14	6.3	40	17.9	380	170.4
LANCASTER	3,355	852.6	1,300	330.4	6	1.5	25	6.4	384	97.6
LAWRENCE	1,149	1127.6	525	515.2	4	3.9	11	10.8	211	207.1
LEBANON	1,209	1080.4	535	478.1	7	6.3	8	7.1	167	149.2
LEHIGH	2,801	995.0	1,131	401.8	11	3.9	28	9.9	268	95.2
LUZERNE	4,221	1274.8	1,871	565.1	16	4.8	38	11.5	445	134.4
LYCOMING	1,142	982.0	452	388.7	6	5.2	11	9.5	117	100.6
MCKEAN	564	1192.5	284	600.5	0	-	6	12.7	68	143.8
MERCER	1,306	1056.6	541	437.7	2	1.6	13	10.5	197	159.4
MIFFLIN	492	1060.3	198	426.7	1	2.2	2	4.3	41	88.4
MONROE	738	892.4	305	368.8	1	1.2	1	1.2	64	77.4
MONTGOMERY	6,184	920.1	2,358	350.8	25	3.7	74	11.0	621	92.4
MONTOUR	211	1263.5	81	485.0	0	-	0	-	21	125.7
NORTHAMPTON	2,229	952.2	945	403.7	3	1.3	12	5.1	248	105.9
NORTHUMBERLAND	1,253	1260.5	499	502.0	6	6.0	11	11.1	107	107.6
PERRY	337	868.4	120	309.2	0	-	3	7.7	34	87.6
PHILADELPHIA	20,221	1230.8	6,419	390.7	56	3.4	166	10.1	1,422	86.6
PIKE	235	1053.8	99	443.9	0	-	4	17.9	34	152.5
POTTER	170	928.7	71	387.9	1	5.5	10	54.6	14	76.5
SCHUYLKILL	2,151	1375.3	891	569.7	14	9.0	24	15.3	368	235.3
SNYDER	326	915.9	146	410.2	0	-	3	8.4	39	109.6
SOMERSET	872	1077.9	374	462.3	1	1.2	18	22.3	152	187.9
SULLIVAN	98	1555.6	40	634.9	0	-	1	15.9	7	111.1
SUSQUEHANNA	369	924.8	164	411.0	1	2.5	7	17.5	66	165.4
TIOGA	411	1014.8	157	387.7	0	-	1	2.5	24	59.3
UNION	306	884.4	145	419.1	0	-	0	-	39	112.7
VENANGO	635	1022.6	240	386.5	3	4.8	4	6.4	78	125.6
WARREN	506	1090.7	189	407.4	1	2.2	1	2.2	52	112.1
WASHINGTON	2,252	1059.8	915	430.6	5	2.4	6	2.8	349	164.2
WAYNE	434	1121.1	187	483.1	2	5.2	7	18.1	56	144.7
WESTMORELAND	3,989	1046.7	1,665	436.9	18	4.7	15	3.9	662	173.7
WYOMING	243	874.2	97	349.0	0	-	3	10.8	21	75.5
YORK	2,787	853.3	1,064	325.8	10	3.1	29	8.9	233	71.3

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	16,589	139.5	15,343	129.1	28,037	235.8	451	3.8	7,327	61.6	7,254	61.0
ADAMS	101	141.9	109	153.1	138	193.8	2	2.8	35	49.2	43	60.4
ALLEGHENY	2,052	149.4	1,733	126.2	3,801	276.7	47	3.4	1,025	74.6	1,043	75.9
ARMSTRONG	135	172.0	49	62.4	205	261.2	1	1.3	51	65.0	64	81.5
BEAVER	272	140.8	196	101.5	497	257.2	8	4.1	114	59.0	142	73.5
BEDFORD	77	161.4	56	117.4	87	182.4	1	2.1	23	48.2	17	35.6
BERKS	371	115.6	421	131.2	790	246.1	7	2.2	190	59.2	202	62.9
BLAIR	265	200.0	161	121.5	332	250.6	5	3.8	86	64.9	86	64.9
BRADFORD	78	121.3	61	94.9	113	175.8	0	-	27	42.0	29	45.1
BUCKS	483	92.5	459	87.9	883	169.1	11	2.1	212	40.6	220	42.1
BUTLER	182	120.5	135	89.3	330	218.4	4	2.6	85	56.3	79	52.3
CAMBRIA	296	170.9	181	104.5	402	232.1	6	3.5	128	73.9	88	50.8
CAMERON	6	92.4	8	123.2	11	169.3	0	-	4	61.6	3	46.2
CARBON	97	178.3	84	154.4	147	270.2	3	5.5	40	73.5	29	53.3
CENTRE	133	116.1	83	72.4	187	163.2	5	4.4	49	42.8	46	40.1
CHESTER	276	81.4	356	105.0	604	178.1	9	2.7	162	47.8	143	42.2
CLARION	68	159.6	53	124.4	71	166.7	3	7.0	21	49.3	17	39.9
CLEARFIELD	148	180.3	110	134.0	203	247.3	3	3.7	41	49.9	55	67.0
CLINTON	50	131.2	45	118.1	80	210.0	1	2.6	23	60.4	20	52.5
COLUMBIA	108	176.2	95	155.0	117	190.9	1	1.6	30	48.9	28	45.7
CRAWFORD	109	125.0	98	112.4	195	223.6	7	8.0	57	65.4	50	57.3
CUMBERLAND	218	114.8	160	84.3	357	188.0	6	3.2	85	44.8	87	45.8
DAUPHIN	255	107.7	381	161.0	566	239.1	14	5.9	136	57.5	149	62.9
DELAWARE	744	132.7	794	141.6	1,387	247.4	19	3.4	373	66.5	365	65.1
ELK	55	146.7	43	114.7	90	240.0	4	10.7	26	69.3	23	61.3
ERIE	397	142.2	252	90.3	545	195.2	13	4.7	141	50.5	144	51.6
FAYETTE	203	130.3	204	130.9	387	248.4	5	3.2	98	62.9	94	60.3
FOREST	11	228.9	3	62.4	23	478.6	1	20.8	4	83.2	7	145.7
FRANKLIN	137	115.4	106	89.3	245	206.4	7	5.9	51	43.0	64	53.9
FULTON	18	128.7	11	78.6	20	143.0	0	-	4	28.6	8	57.2
GREENE	86	210.8	50	122.6	76	186.3	0	-	24	58.8	14	34.3
HUNTINGDON	47	109.6	52	121.2	101	235.4	2	4.7	25	58.3	24	55.9
INDIANA	100	108.2	86	93.1	148	160.2	1	1.1	41	44.4	37	40.0
JEFFERSON	92	190.1	57	117.8	122	252.0	0	-	32	66.1	30	62.0

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	25	125.0	26	130.0	37	185.0	0	-	9	45.0	10	50.0
LACKAWANNA	388	174.0	474	212.6	621	278.5	8	3.6	178	79.8	147	65.9
LANCASTER	444	112.8	441	112.1	788	200.3	6	1.5	215	54.6	180	45.7
LAWRENCE	210	206.1	89	87.3	225	220.8	5	4.9	64	62.8	56	55.0
LEBANON	148	132.3	205	183.2	265	236.8	5	4.5	58	51.8	74	66.1
LEHIGH	390	138.5	434	154.2	648	230.2	12	4.3	162	57.5	151	53.6
LUZERNE	655	197.8	717	216.5	888	268.2	13	3.9	247	74.6	189	57.1
LYCOMING	155	133.3	163	140.2	254	218.4	8	6.9	53	45.6	63	54.2
MCKEAN	64	135.3	146	308.7	101	213.5	2	4.2	17	35.9	37	78.2
MERCER	217	175.6	112	90.6	281	227.3	2	1.6	82	66.3	64	51.8
MIFFLIN	97	209.1	57	122.8	88	189.7	1	2.2	13	28.0	22	47.4
MONROE	84	101.6	155	187.4	168	203.2	1	1.2	37	44.7	35	42.3
MONTGOMERY	845	125.7	793	118.0	1,458	216.9	29	4.3	349	51.9	385	57.3
MONTOUR	33	197.6	27	161.7	40	239.5	0	-	9	53.9	6	35.9
NORTHAMPTON	267	114.1	415	177.3	527	225.1	14	6.0	155	66.2	130	55.5
NORTHUMBERLAND	233	234.4	142	142.9	279	280.7	2	2.0	73	73.4	59	59.4
PERRY	43	110.8	40	103.1	85	219.0	0	-	19	49.0	22	56.7
PHILADELPHIA	2,279	138.7	2,496	151.9	4,598	279.9	101	6.1	1,241	75.5	1,295	78.8
PIKE	35	156.9	26	116.6	51	228.7	1	4.5	11	49.3	16	71.7
POTTER	17	92.9	29	158.4	34	185.7	1	5.5	3	16.4	6	32.8
SCHUYLKILL	316	202.0	169	108.1	429	274.3	9	5.8	138	88.2	107	68.4
SNYDER	65	182.6	39	109.6	55	154.5	0	-	10	28.1	17	47.8
SOMERSET	111	137.2	92	113.7	179	221.3	4	4.9	49	60.6	46	56.9
SULLIVAN	15	238.1	17	269.8	21	333.3	0	-	5	79.4	4	63.5
SUSQUEHANNA	49	122.8	41	102.8	84	210.5	0	-	27	67.7	10	25.1
TIOGA	62	153.1	70	172.8	80	197.5	0	-	20	49.4	19	46.9
UNION	50	144.5	56	161.9	35	101.2	1	2.9	12	34.7	4	11.6
VENANGO	100	161.0	55	88.6	143	230.3	0	-	29	46.7	39	62.8
WARREN	77	166.0	58	125.0	105	226.3	1	2.2	30	64.7	26	56.0
WASHINGTON	347	163.3	208	97.9	490	230.6	6	2.8	130	61.2	143	67.3
WAYNE	62	160.2	60	155.0	97	250.6	2	5.2	27	69.7	24	62.0
WESTMORELAND	541	142.0	429	112.6	927	243.2	10	2.6	216	56.7	248	65.1
WYOMING	29	104.3	44	158.3	44	158.3	0	-	13	46.8	15	54.0
YORK	466	142.7	326	99.8	652	199.6	11	3.4	183	56.0	155	47.5

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	3,078	25.9	4,103	34.5	3,194	26.9	1,068	9.0	1,562	13.1
ADAMS	18	25.3	14	19.7	10	14.0	5	7.0	11	15.5
ALLEGHENY	427	31.1	515	37.5	426	31.0	129	9.4	189	13.8
ARMSTRONG	13	16.6	41	52.2	14	17.8	10	12.7	11	14.0
BEAVER	51	26.4	84	43.5	49	25.4	17	8.8	32	16.6
BEDFORD	9	18.9	16	33.5	9	18.9	4	8.4	8	16.8
BERKS	78	24.3	108	33.6	121	37.7	40	12.5	44	13.7
BLAIR	41	30.9	54	40.8	30	22.6	15	11.3	15	11.3
BRADFORD	10	15.6	29	45.1	11	17.1	3	4.7	4	6.2
BUCKS	112	21.5	129	24.7	101	19.3	44	8.4	54	10.3
BUTLER	33	21.8	45	29.8	46	30.4	17	11.3	21	13.9
CAMBRIA	39	22.5	54	31.2	51	29.4	18	10.4	18	10.4
CAMERON	1	15.4	2	30.8	0	-	0	-	1	15.4
CARBON	18	33.1	21	38.6	19	34.9	9	16.5	8	14.7
CENTRE	18	15.7	29	25.3	26	22.7	6	5.2	8	7.0
CHESTER	70	20.6	81	23.9	80	23.6	25	7.4	34	10.0
CLARION	7	16.4	8	18.8	6	14.1	5	11.7	4	9.4
CLEARFIELD	25	30.5	39	47.5	21	25.6	11	13.4	8	9.7
CLINTON	7	18.4	10	26.2	13	34.1	2	5.2	4	10.5
COLUMBIA	14	22.8	14	22.8	16	26.1	6	9.8	8	13.1
CRAWFORD	24	27.5	24	27.5	13	14.9	6	6.9	14	16.1
CUMBERLAND	42	22.1	62	32.6	36	19.0	17	9.0	22	11.6
DAUPHIN	76	32.1	75	31.7	66	27.9	18	7.6	32	13.5
DELAWARE	161	28.7	194	34.6	159	28.4	45	8.0	71	12.7
ELK	12	32.0	12	32.0	8	21.3	2	5.3	3	8.0
ERIE	61	21.8	75	26.9	70	25.1	17	6.1	24	8.6
FAYETTE	34	21.8	52	33.4	56	35.9	24	15.4	24	15.4
FOREST	1	20.8	3	62.4	2	41.6	4	83.2	1	20.8
FRANKLIN	31	26.1	36	30.3	23	19.4	10	8.4	23	19.4
FULTON	2	14.3	3	21.4	1	7.1	1	7.1	1	7.1
GREENE	10	24.5	6	14.7	12	29.4	5	12.3	5	12.3
HUNTINGDON	11	25.6	6	14.0	18	42.0	5	11.7	10	23.3
INDIANA	19	20.6	19	20.6	17	18.4	5	5.4	9	9.7
JEFFERSON	6	12.4	21	43.4	17	35.1	5	10.3	11	22.7

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	6	30.0	7	35.0	1	5.0	3	15.0	1	5.0
LACKAWANNA	67	30.0	100	44.8	67	30.0	22	9.9	32	14.3
LANCASTER	93	23.6	128	32.5	76	19.3	36	9.1	54	13.7
LAWRENCE	21	20.6	38	37.3	22	21.6	10	9.8	9	8.8
LEBANON	32	28.6	48	42.9	27	24.1	11	9.8	10	8.9
LEHIGH	61	21.7	103	36.6	90	32.0	24	8.5	45	16.0
LUZERNE	113	34.1	123	37.1	116	35.0	34	10.3	53	16.0
LYCOMING	23	19.8	50	43.0	31	26.7	8	6.9	18	15.5
MCKEAN	6	12.7	16	33.8	12	25.4	6	12.7	5	10.6
MERCER	30	24.3	54	43.7	26	21.0	9	7.3	14	11.3
MIFFLIN	16	34.5	17	36.6	8	17.2	5	10.8	6	12.9
MONROE	23	27.8	28	33.9	23	27.8	10	12.1	11	13.3
MONTGOMERY	178	26.5	206	30.7	180	26.8	58	8.6	73	10.9
MONTOUR	5	29.9	11	65.9	7	41.9	1	6.0	1	6.0
NORTHAMPTON	57	24.3	61	26.1	60	25.6	16	6.8	34	14.5
NORTHUMBERLAND	25	25.2	45	45.3	44	44.3	10	10.1	21	21.1
PERRY	5	12.9	18	46.4	11	28.3	7	18.0	3	7.7
PHILADELPHIA	460	28.0	639	38.9	474	28.9	145	8.8	243	14.8
PIKE	9	40.4	8	35.9	4	17.9	0	-	2	9.0
POTTER	3	16.4	11	60.1	6	32.8	1	5.5	3	16.4
SCHUYLKILL	46	29.4	54	34.5	44	28.1	13	8.3	18	11.5
SNYDER	6	16.9	6	16.9	11	30.9	3	8.4	2	5.6
SOMERSET	14	17.3	27	33.4	26	32.1	4	4.9	9	11.1
SULLIVAN	1	15.9	8	127.0	2	31.7	0	-	1	15.9
SUSQUEHANNA	6	15.0	12	30.1	13	32.6	2	5.0	14	35.1
TIOGA	7	17.3	18	44.4	5	12.3	5	12.3	6	14.8
UNION	2	5.8	8	23.1	4	11.6	2	5.8	2	5.8
VENANGO	12	19.3	27	43.5	22	35.4	7	11.3	7	11.3
WARREN	10	21.6	19	41.0	13	28.0	2	4.3	4	8.6
WASHINGTON	55	25.9	63	29.6	48	22.6	13	6.1	32	15.1
WAYNE	10	25.8	18	46.5	8	20.7	4	10.3	4	10.3
WESTMORELAND	116	30.4	142	37.3	94	24.7	44	11.5	57	15.0
WYOMING	5	18.0	2	7.2	6	21.6	0	-	3	10.8
YORK	74	22.7	107	32.8	66	20.2	23	7.0	33	10.1

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	7,961	67.0	4,253	35.8	3,622	30.5	2,501	21.0	2,205	18.5	1,977	16.6
ADAMS	47	66.0	21	29.5	16	22.5	18	25.3	11	15.5	14	19.7
ALLEGHENY	988	71.9	623	45.4	432	31.5	336	24.5	249	18.1	153	11.1
ARMSTRONG	58	73.9	29	36.9	20	25.5	27	34.4	8	10.2	17	21.7
BEAVER	103	53.3	73	37.8	87	45.0	63	32.6	41	21.2	27	14.0
BEDFORD	44	92.2	17	35.6	7	14.7	10	21.0	9	18.9	21	44.0
BERKS	233	72.6	126	39.3	111	34.6	67	20.9	65	20.2	61	19.0
BLAIR	96	72.5	72	54.3	47	35.5	42	31.7	30	22.6	21	15.8
BRADFORD	35	54.4	34	52.9	20	31.1	13	20.2	12	18.7	23	35.8
BUCKS	279	53.4	143	27.4	111	21.3	64	12.3	52	10.0	107	20.5
BUTLER	97	64.2	62	41.0	52	34.4	19	12.6	22	14.6	25	16.5
CAMBRIA	141	81.4	87	50.2	50	28.9	57	32.9	30	17.3	21	12.1
CAMERON	11	169.3	1	15.4	2	30.8	4	61.6	1	15.4	3	46.2
CARBON	45	82.7	15	27.6	12	22.1	19	34.9	10	18.4	18	33.1
CENTRE	51	44.5	23	20.1	32	27.9	10	8.7	6	5.2	18	15.7
CHESTER	170	50.1	94	27.7	78	23.0	29	8.6	45	13.3	72	21.2
CLARION	31	72.8	8	18.8	13	30.5	5	11.7	3	7.0	12	28.2
CLEARFIELD	46	56.0	21	25.6	26	31.7	24	29.2	16	19.5	19	23.1
CLINTON	33	86.6	19	49.9	5	13.1	8	21.0	8	21.0	8	21.0
COLUMBIA	57	93.0	30	48.9	21	34.3	17	27.7	8	13.1	8	13.1
CRAWFORD	56	64.2	48	55.1	33	37.8	7	8.0	16	18.4	22	25.2
CUMBERLAND	136	71.6	75	39.5	41	21.6	24	12.6	21	11.1	22	11.6
DAUPHIN	140	59.1	100	42.2	65	27.5	36	15.2	46	19.4	40	16.9
DELAWARE	423	75.5	215	38.4	180	32.1	93	16.6	83	14.8	71	12.7
ELK	30	80.0	9	24.0	5	13.3	9	24.0	9	24.0	9	24.0
ERIE	238	85.2	75	26.9	86	30.8	75	26.9	49	17.5	46	16.5
FAYETTE	120	77.0	51	32.7	60	38.5	40	25.7	27	17.3	32	20.5
FOREST	4	83.2	1	20.8	5	104.0	4	83.2	2	41.6	2	41.6
FRANKLIN	63	53.1	43	36.2	41	34.5	20	16.8	26	21.9	29	24.4
FULTON	4	28.6	7	50.0	1	7.1	5	35.7	2	14.3	3	21.4
GREENE	36	88.2	17	41.7	25	61.3	10	24.5	4	9.8	9	22.1
HUNTINGDON	23	53.6	12	28.0	5	11.7	13	30.3	8	18.6	13	30.3
INDIANA	61	66.0	26	28.1	24	26.0	24	26.0	20	21.6	20	21.6
JEFFERSON	30	62.0	25	51.6	18	37.2	7	14.5	16	33.1	7	14.5

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	10	50.0	6	30.0	2	10.0	6	30.0	1	5.0	7	35.0
LACKAWANNA	158	70.9	85	38.1	71	31.8	65	29.1	39	17.5	32	14.3
LANCASTER	228	57.9	115	29.2	101	25.7	71	18.0	48	12.2	69	17.5
LAWRENCE	78	76.5	41	40.2	35	34.3	25	24.5	19	18.6	22	21.6
LEBANON	74	66.1	60	53.6	32	28.6	37	33.1	19	17.0	24	21.4
LEHIGH	171	60.7	101	35.9	83	29.5	60	21.3	31	11.0	44	15.6
LUZERNE	210	63.4	108	32.6	98	29.6	87	26.3	66	19.9	62	18.7
LYCOMING	84	72.2	48	41.3	24	20.6	40	34.4	25	21.5	24	20.6
MCKEAN	28	59.2	21	44.4	10	21.1	11	23.3	13	27.5	13	27.5
MERCER	80	64.7	54	43.7	51	41.3	22	17.8	24	19.4	15	12.1
MIFFLIN	37	79.7	22	47.4	14	30.2	10	21.6	11	23.7	11	23.7
MONROE	33	39.9	29	35.1	17	20.6	13	15.7	14	16.9	25	30.2
MONTGOMERY	414	61.6	200	29.8	206	30.7	93	13.8	133	19.8	99	14.7
MONTOUR	21	125.7	6	35.9	7	41.9	8	47.9	4	24.0	7	41.9
NORTHAMPTON	132	56.4	77	32.9	73	31.2	33	14.1	30	12.8	37	15.8
NORTHUMBERLAND	106	106.6	36	36.2	35	35.2	29	29.2	15	15.1	18	18.1
PERRY	28	72.2	14	36.1	6	15.5	7	18.0	5	12.9	8	20.6
PHILADELPHIA	1,136	69.1	480	29.2	576	35.1	336	20.5	460	28.0	154	9.4
PIKE	12	53.8	5	22.4	6	26.9	4	17.9	1	4.5	5	22.4
POTTER	8	43.7	7	38.2	5	27.3	0	-	4	21.9	7	38.2
SCHUYLKILL	134	85.7	68	43.5	56	35.8	53	33.9	41	26.2	40	25.6
SNYDER	18	50.6	16	45.0	9	25.3	4	11.2	6	16.9	10	28.1
SOMERSET	46	56.9	31	38.3	24	29.7	18	22.3	19	23.5	17	21.0
SULLIVAN	7	111.1	3	47.6	6	95.2	2	31.7	0	-	4	63.5
SUSQUEHANNA	19	47.6	18	45.1	4	10.0	10	25.1	6	15.0	8	20.1
TIOGA	32	79.0	19	46.9	9	22.2	17	42.0	13	32.1	16	39.5
UNION	23	66.5	11	31.8	10	28.9	13	37.6	4	11.6	9	26.0
VENANGO	40	64.4	28	45.1	19	30.6	22	35.4	12	19.3	17	27.4
WARREN	39	84.1	18	38.8	26	56.0	14	30.2	15	32.3	12	25.9
WASHINGTON	129	60.7	90	42.4	82	38.6	56	26.4	32	15.1	37	17.4
WAYNE	34	87.8	9	23.2	16	41.3	8	20.7	8	20.7	7	18.1
WESTMORELAND	260	68.2	113	29.7	86	22.6	73	19.2	63	16.5	70	18.4
WYOMING	19	68.4	8	28.8	4	14.4	7	25.2	7	25.2	10	36.0
YORK	184	56.3	104	31.8	88	26.9	48	14.7	62	19.0	64	19.6

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

	SEPTICEMIA		NEPHRITIS AND NEPHROSIS		SUICIDE		LIVER DISEASE AND CIRRHOSIS		ATHERO-SCLEROSIS		AORTIC ANEURYSM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	1,695	14.3	1,535	12.9	1,443	12.1	1,234	10.4	1,117	9.4	926	7.8
ADAMS	2	2.8	4	5.6	13	18.3	6	8.4	20	28.1	5	7.0
ALLEGHENY	175	12.7	245	17.8	175	12.7	172	12.5	98	7.1	125	9.1
ARMSTRONG	5	6.4	9	11.5	6	7.6	7	8.9	9	11.5	2	2.5
BEAVER	18	9.3	25	12.9	20	10.4	28	14.5	8	4.1	14	7.2
BEDFORD	5	10.5	6	12.6	5	10.5	3	6.3	4	8.4	3	6.3
BERKS	29	9.0	25	7.8	46	14.3	29	9.0	36	11.2	30	9.3
BLAIR	11	8.3	17	12.8	19	14.3	15	11.3	11	8.3	17	12.8
BRADFORD	2	3.1	3	4.7	4	6.2	2	3.1	23	35.8	0	-
BUCKS	45	8.6	44	8.4	65	12.4	44	8.4	58	11.1	26	5.0
BUTLER	15	9.9	14	9.3	21	13.9	11	7 3	21	13.9	9	6.0
CAMBRIA	17	9.8	24	13.9	23	13.3	24	13.9	25	14.4	10	5.8
CAMERON	0	-	1	15.4	0	-	1	15.4	2	30.8	0	-
CARBON	9	16.5	9	16.5	6	11.0	9	16.5	3	5.5	7	12.9
CENTRE	6	5.2	7	6.1	11	9.6	5	4.4	8	7.0	6	5.2
CHESTER	43	12.7	33	9.7	27	8.0	33	9.7	18	5.3	31	9.1
CLARION	2	4.7	7	16.4	5	11.7	6	14.1	5	11.7	4	9.4
CLEARFIELD	8	9.7	12	14.6	10	12.2	7	8.5	4	4.9	6	7.3
CLINTON	2	5.2	5	13.1	3	7.9	4	10.5	6	15.7	4	10.5
COLUMBIA	5	8.2	5	8.2	9	14.7	11	17.9	10	16.3	9	14.7
CRAWFORD	5	5.7	7	8.0	8	9.2	9	10.3	21	24.1	10	11.5
CUMBERLAND	30	15.8	14	7.4	19	10.0	14	7.4	18	9.5	14	7.4
DAUPHIN	49	20.7	36	15.2	25	10.6	15	6.3	19	8.0	10	4.2
DELAWARE	81	14.4	57	10.2	69	12.3	70	12.5	51	9.1	38	6.8
ELK	3	8.0	3	8.0	6	16.0	6	16.0	5	13.3	4	10.7
ERIE	22	7.9	26	9.3	26	9.3	27	9.7	15	5.4	19	6.8
FAYETTE	21	13.5	18	11.6	19	12.2	20	12.8	21	13.5	13	8.3
FOREST	0	-	0	-	0	-	0	-	0	-	0	-
FRANKLIN	9	7.6	12	10.1	12	10.1	6	5.1	9	7.6	6	5.1
FULTON	0	-	0	-	1	7.1	2	14.3	10	71.5	2	14.3
GREENE	3	7.4	8	19.6	7	17.2	2	4.9	4	9.8	5	12.3
HUNTINGDON	3	7.0	5	11.7	8	18.6	4	9.3	10	23.3	6	14.0
INDIANA	9	9.7	6	6.5	11	11.9	7	7.6	29	31.4	5	5.4
JEFFERSON	8	16.5	4	8.3	4	8.3	8	16.5	2	4.1	2	4.1

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	SEPTICEMIA		NEPHRITIS AND NEPHROSIS		SUICIDE		LIVER DISEASE AND CIRRHOSIS		ATHERO-SCLEROSIS		AORTIC ANEURYSM	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	4	20.0	6	30.0	2	10.0	0	-	9	45.0	1	5.0
LACKAWANNA	30	13.5	28	12.6	14	6.3	26	11.7	27	12.1	17	7.6
LANCASTER	25	6.4	58	14.7	37	9.4	24	6.1	54	13.7	30	7.6
LAWRENCE	11	10.8	13	12.8	4	3.9	11	10.8	6	5.9	4	3.9
LEBANON	10	8.9	15	13.4	10	8.9	10	8.9	7	6.3	8	7.1
LEHIGH	36	12.8	24	8.5	40	14.2	30	10.7	25	8.9	24	8.5
LUZERNE	32	9.7	56	16.9	40	12.1	41	12.4	42	12.7	30	9.1
LYCOMING	7	6.0	12	10.3	14	12.0	7	6.0	12	10.3	10	8.6
MCKEAN	3	6.3	3	6.3	4	8.5	6	12.7	2	4.2	4	8.5
MERCER	16	12.9	11	8.9	11	8.9	13	10.5	13	10.5	18	14.6
MIFFLIN	11	23.7	4	8.6	7	15.1	1	2.2	2	4.3	5	10.8
MONROE	10	12.1	12	14.5	14	16.9	9	10.9	0	-	4	4.8
MONTGOMERY	85	12.6	60	8.9	68	10.1	81	12.1	57	8.5	59	8.8
MONTOUR	1	6.0	6	35.9	0	-	0	-	2	12.0	1	6.0
NORTHAMPTON	19	8.1	24	10.3	23	9.8	18	7.7	19	8.1	13	5.6
NORTHUMBERLAND	15	15.1	19	19.1	14	14.1	3	3.0	10	10.1	7	7.0
PERRY	5	12.9	6	15.5	5	12.9	3	7.7	2	5.2	2	5.2
PHILADELPHIA	571	34.8	312	19.0	246	15.0	213	13.0	90	5.5	115	7.0
PIKE	2	9.0	1	4.5	1	4.5	1	4.5	0	-	2	9.0
POTTER	1	5.5	1	5.5	4	21.9	1	5.5	1	5.5	3	16.4
SCHUYLKILL	16	10.2	24	15.3	32	20.5	26	16.6	6	3.8	28	17.9
SNYDER	5	14.0	6	16.9	2	5.6	1	2.8	1	2.8	5	14.0
SOMERSET	4	4.9	4	4.9	9	11.1	4	4.9	18	22.3	5	6.2
SULLIVAN	0	-	0	-	0	-	2	31.7	0	-	0	-
SUSQUEHANNA	3	7.5	3	7.5	5	12.5	3	7.5	4	10.0	0	-
TIOGA	3	7.4	2	4.9	6	14.8	4	9.9	6	14.8	1	2.5
UNION	6	17.3	4	11.6	4	11.6	0	-	5	14.5	2	5.8
VENANGO	7	11.3	7	11.3	8	12.9	9	14.5	5	8.1	5	8.1
WARREN	3	6.5	3	6.5	5	10.8	4	8.6	9	19.4	3	6.5
WASHINGTON	37	17.4	30	14.1	34	16.0	33	15.5	17	8.0	16	7.5
WAYNE	4	10.3	4	10.3	4	10.3	1	2.6	6	15.5	2	5.2
WESTMORELAND	44	11.5	42	11.0	38	10.0	30	7.9	29	7.6	31	8.1
WYOMING	0	-	3	10.8	2	7.2	0	-	18	64.8	1	3.6
YORK	27	8.3	41	12.6	53	16.2	12	3.7	30	9.2	28	8.6

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

	PERINATAL CONDITIONS		HOMICIDE AND LEGAL INTERV		PNEUMOCONIOSIS		CONGENITAL ANOMALIES		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	829	7.0	658	5.5	562	4.7	530	4.5	458	3.9	420	3.5
ADAMS	4	5.6	6	8.4	0	-	1	1.4	2	2.8	3	4.2
ALLEGHENY	115	8.4	67	4.9	6	0.4	66	4.8	53	3.9	49	3.6
ARMSTRONG	8	10.2	1	1.3	2	2.5	2	2.5	2	2.5	1	1.3
BEAVER	7	3.6	5	2.6	2	1.0	10	5.2	1	0.5	5	2.6
BEDFORD	4	8.4	0	-	2	4.2	2	4.2	1	2.1	2	4.2
BERKS	20	6.2	15	4.7	0	-	15	4.7	12	3.7	11	3.4
BLAIR	11	8.3	1	0.8	1	0.8	10	7.5	4	3.0	5	3.8
BRADFORD	2	3.1	1	1.6	1	1.6	1	1.6	3	4.7	3	4.7
BUCKS	19	3.6	17	3.3	4	0.8	11	2.1	14	2.7	15	2.9
BUTLER	9	6.0	3	2.0	0	-	9	6.0	4	2.6	4	2.6
CAMBRIA	8	4.6	1	0.6	39	22.5	7	4.0	10	5.8	4	2.3
CAMERON	0	-	0	-	0	-	0	-	1	15.4	0	-
CARBON	1	1.8	1	1.8	20	36.8	2	3.7	6	11.0	1	1.8
CENTRE	9	7.9	1	0.9	0	-	6	5.2	3	2.6	2	1.7
CHESTER	20	5.9	13	3.8	0	-	15	4.4	8	2.4	8	2.4
CLARION	2	4.7	3	7.0	3	7.0	0	-	2	4.7	1	2.3
CLEARFIELD	6	7.3	2	2.4	3	3.7	6	7.3	0	-	1	1.2
CLINTON	2	5.2	2	5.2	0	-	3	7.9	4	10.5	1	2.6
COLUMBIA	1	1.6	1	1.6	12	19.6	2	3.3	3	4.9	0	-
CRAWFORD	7	8.0	3	3.4	0	-	6	6.9	3	3.4	2	2.3
CUMBERLAND	6	3.2	1	0.5	1	0.5	6	3.2	6	3.2	5	2.6
DAUPHIN	20	8.4	7	3.0	2	0.8	9	3.8	10	4.2	12	5.1
DELAWARE	29	5.2	25	4.5	3	0.5	24	4.3	23	4.1	18	3.2
ELK	0	-	2	5.3	0	-	6	16.0	0	-	4	10.7
ERIE	11	3.9	8	2.9	1	0.4	6	2.1	8	2.9	12	4.3
FAYETTE	7	4.5	3	1.9	17	10.9	6	3.9	8	5.1	5	3.2
FOREST	2	41.6	0	-	0	-	0	-	1	20.8	0	-
FRANKLIN	7	5.9	1	0.8	0	-	7	5.9	11	9.3	5	4.2
FULTON	0	-	0	-	0	-	0	-	2	14.3	0	-
GREENE	3	7.4	0	-	3	7.4	2	4.9	0	-	1	2.5
HUNTINGDON	1	2.3	3	7.0	2	4.7	2	4.7	0	-	1	2.3
INDIANA	12	13.0	2	2.2	3	3.2	6	6.5	2	2.2	5	5.4
JEFFERSON	5	10.3	0	-	4	8.3	4	8.3	1	2.1	1	2.1

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	PERINATAL CONDITIONS		HOMICIDE AND LEGAL INTERV		PNEUMOCONIOSIS		CONGENITAL ANOMALIES		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	1	5.0	0	-	0	-	1	5.0	0	-	2	10.0
LACKAWANNA	9	4.0	3	1.3	52	23.3	9	4.0	10	4.5	10	4.5
LANCASTER	29	7.4	6	1.5	0	-	25	6.4	14	3.6	15	3.8
LAWRENCE	7	6.9	6	5.9	0	-	6	5.9	5	4.9	4	3.9
LEBANON	2	1.8	2	1.8	0	-	4	3.6	0	-	1	0.9
LEHIGH	19	6.7	19	6.7	1	0.4	15	5.3	6	2.1	11	3.9
LUZERNE	13	3.9	11	3.3	183	55.3	14	4.2	18	5.4	13	3.9
LYCOMING	6	5.2	0	-	0	-	3	2.6	2	1.7	3	2.6
MCKEAN	3	6.3	1	2.1	0	-	3	6.3	1	2.1	2	4.2
MERCER	6	4.9	3	2.4	2	1.6	5	4.0	5	4.0	6	4.9
MIFFLIN	2	4.3	1	2.2	1	2.2	0	-	4	8.6	4	8.6
MONROE	5	6.0	2	2.4	0	-	1	1.2	3	3.6	5	6.0
MONTGOMERY	39	5.8	28	4.2	6	0.9	30	4.5	20	3.0	24	3.6
MONTOUR	0	-	0	-	0	-	1	6.0	0	-	1	6.0
NORTHAMPTON	11	4.7	4	1.7	1	0.4	10	4.3	12	5.1	6	2.6
NORTHUMBERLAND	0	-	2	2.0	34	34.2	3	3.0	3	3.0	3	3.0
PERRY	2	5.2	0	-	0	-	2	5.2	2	5.2	0	-
PHILADELPHIA	237	14.4	343	20.9	7	0.4	84	5.1	98	6.0	68	4.1
PIKE	1	4.5	1	4.5	0	-	1	4.5	1	4.5	1	4.5
POTTER	0	-	0	-	0	-	2	10.9	0	-	0	-
SCHUYLKILL	5	3.2	1	0.6	113	72.3	7	4.5	11	7.0	4	2.6
SNYDER	3	8.4	0	-	0	-	3	8.4	1	2.8	0	-
SOMERSET	2	2.5	0	-	18	22.3	2	2.5	5	6.2	3	3.7
SULLIVAN	0	-	0	-	0	-	1	15.9	1	15.9	0	-
SUSQUEHANNA	2	5.0	1	2.5	1	2.5	3	7.5	3	7.5	0	-
TIOGA	1	2.5	0	-	1	2.5	2	4.9	1	2.5	1	2.5
UNION	4	11.6	1	2.9	0	-	2	5.8	0	-	0	-
VENANGO	4	6.4	0	-	0	-	1	1.6	2	3.2	3	4.8
WARREN	3	6.5	2	4.3	0	-	1	2.2	0	-	1	2.2
WASHINGTON	13	6.1	9	4.2	4	1.9	6	2.8	3	1.4	6	2.8
WAYNE	4	10.3	1	2.6	0	-	0	-	3	7.7	4	10.3
WESTMORELAND	26	6.8	8	2.1	6	1.6	16	4.2	10	2.6	12	3.1
WYOMING	2	7.2	0	-	0	-	0	-	0	-	0	-
YORK	10	3.1	8	2.4	1	0.3	15	4.6	6	1.8	20	6.1

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	PARKINSON'S DISEASE		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	352	3.0	316	2.7	271	2.3	235	2.0	184	1.5	159	1.3
ADAMS	0	-	1	1.4	1	1.4	0	-	0	-	1	1.4
ALLEGHENY	53	3.9	34	2.5	31	2.3	28	2.0	13	0.9	18	1.3
ARMSTRONG	1	1.3	0	-	3	3.8	0	-	0	-	2	2.5
BEAVER	15	7.8	3	1.6	4	2.1	5	2.6	4	2.1	3	1.6
BEDFORD	3	6.3	1	2.1	0	-	0	-	0	-	0	-
BERKS	6	1.9	12	3.7	7	2.2	2	0.6	2	0.6	4	1.2
BLAIR	5	3.8	9	6.8	5	3.8	6	4.5	1	0.8	4	3.0
BRADFORD	2	3.1	0	-	1	1.6	2	3.1	0	-	0	-
BUCKS	17	3.3	5	1.0	9	1.7	4	0.8	4	0.8	4	0.8
BUTLER	4	2.6	3	2.0	1	0.7	5	3.3	1	0.7	4	2.6
CAMBRIA	3	1.7	5	2.9	4	2.3	1	0.6	4	2.3	6	3.5
CAMERON	0	-	0	-	0	-	0	-	0	-	1	15.4
CARBON	0	-	0	-	0	-	2	3.7	1	1.8	0	-
CENTRE	3	2.6	4	3.5	4	3.5	1	0.9	1	0.9	1	0.9
CHESTER	12	3.5	5	1.5	6	1.8	4	1.2	4	1.2	2	0.6
CLARION	0	-	3	7.0	2	4.7	2	4.7	0	-	1	2.3
CLEARFIELD	2	2.4	5	6.1	0	-	3	3.7	1	1.2	2	2.4
CLINTON	3	7.9	3	7.9	0	-	2	5.2	1	2.6	0	-
COLUMBIA	0	-	0	-	1	1.6	1	1.6	0	-	1	1.6
CRAWFORD	2	2.3	1	1.1	3	3.4	2	2.3	4	4.6	0	-
CUMBERLAND	2	1.1	3	1.6	3	1.6	3	1.6	4	2.1	1	0.5
DAUPHIN	4	1.7	8	3.4	2	0.8	8	3.4	7	3.0	2	0.8
DELAWARE	16	2.9	20	3.6	10	1.8	6	1.1	6	1.1	3	0.5
ELK	0	-	2	5.3	0	-	1	2.7	0	-	0	-
ERIE	4	1.4	4	1.4	6	2.1	5	1.8	4	1.4	3	1.1
FAYETTE	5	3.2	3	1.9	4	2.6	3	1.9	3	1.9	1	0.6
FOREST	0	-	0	-	0	-	0	-	1	20.8	0	-
FRANKLIN	3	2.5	4	3.4	1	0.8	3	2.5	2	1.7	3	2.5
FULTON	1	7.1	0	-	0	-	0	-	0	-	0	-
GREENE	0	-	2	4.9	0	-	1	2.5	1	2.5	2	4.9
HUNTINGDON	2	4.7	1	2.3	0	-	2	4.7	1	2.3	0	-
INDIANA	3	3.2	2	2.2	3	3.2	2	2.2	0	-	1	1.1
JEFFERSON	1	2.1	2	4.1	0	-	3	6.2	1	2.1	2	4.1

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	PARKINSON'S DISEASE		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	0	-	0	-	1	5.0	0	-	0	-
LACKAWANNA	10	4.5	2	0.9	0	-	6	2.7	4	1.8	2	0.9
LANCASTER	15	3.8	13	3.3	12	3.0	2	0.5	3	0.8	3	0.8
LAWRENCE	3	2.9	5	4.9	3	2.9	1	1.0	15	14.7	3	2.9
LEBANON	4	3.6	2	1.8	1	0.9	3	2.7	3	2.7	3	2.7
LEHIGH	3	1.1	11	3.9	17	6.0	5	1.8	2	0.7	3	1.1
LUZERNE	10	3.0	9	2.7	9	2.7	6	1.8	2	0.6	4	1.2
LYCOMING	8	6.9	3	2.6	2	1.7	3	2.6	2	1.7	0	-
MCKEAN	0	-	4	8.5	2	4.2	0	-	3	6.3	0	-
MERCER	6	4.9	5	4.0	7	5.7	2	1.6	1	0.8	2	1.6
MIFFLIN	0	-	2	4.3	1	2.2	0	-	1	2.2	0	-
MONROE	0	-	1	1.2	2	2.4	3	3.6	1	1.2	1	1.2
MONTGOMERY	19	2.8	15	2.2	18	2.7	12	1.8	11	1.6	4	0.6
MONTOUR	0	-	0	-	0	-	0	-	0	-	1	6.0
NORTHAMPTON	8	3.4	3	1.3	4	1.7	4	1.7	4	1.7	1	0.4
NORTHUMBERLAND	1	1.0	3	3.0	3	3.0	1	1.0	0	-	3	3.0
PERRY	1	2.6	1	2.6	0	-	0	-	0	-	1	2.6
PHILADELPHIA	40	2.4	54	3.3	41	2.5	48	2.9	41	2.5	26	1.6
PIKE	0	-	0	-	1	4.5	2	9.0	0	-	1	4.5
POTTER	1	5.5	0	-	0	-	0	-	0	-	1	5.5
SCHUYLKILL	6	3.8	5	3.2	4	2.6	4	2.6	4	2.6	4	2.6
SNYDER	0	-	2	5.6	1	2.8	2	5.6	0	-	0	-
SOMERSET	1	1.2	4	4.9	4	4.9	2	2.5	1	1.2	0	-
SULLIVAN	1	15.9	0	-	0	-	0	-	0	-	0	-
SUSQUEHANNA	0	-	0	-	2	5.0	0	-	0	-	0	-
TIOGA	3	7.4	0	-	1	2.5	2	4.9	1	2.5	2	4.9
UNION	2	5.8	1	2.9	0	-	0	-	0	-	0	-
VENANGO	2	3.2	4	6.4	0	-	0	-	1	1.6	2	3.2
WARREN	2	4.3	1	2.2	0	-	2	4.3	0	-	0	-
WASHINGTON	10	4.7	4	1.9	5	2.4	6	2.8	4	1.9	6	2.8
WAYNE	0	-	0	-	3	7.7	1	2.6	0	-	0	-
WESTMORELAND	13	3.4	11	2.9	11	2.9	4	1.0	5	1.3	6	1.6
WYOMING	2	7.2	0	-	0	-	0	-	0	-	2	7.2
YORK	9	2.8	6	1.8	6	1.8	6	1.8	4	1.2	6	1.8

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	DISEASES OF PANCREAS		ALCOHOLISM		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS		EPILEPSY	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	121	1.0	110	0.9	107	0.9	97	0.8	95	0.8
ADAMS	1	1.4	0	-	0	-	0	-	1	1.4
ALLEGHENY	19	1.4	18	1.3	16	1.2	17	1.2	22	1.6
ARMSTRONG	1	1.3	0	-	1	1.3	1	1.3	0	-
BEAVER	3	1.6	0	-	1	0.5	3	1.6	2	1.0
BEDFORD	1	2.1	0	-	1	2.1	0	-	0	-
BERKS	2	0.6	1	0.3	5	1.6	5	1.6	4	1.2
BLAIR	3	2.3	2	1.5	1	0.8	1	0.8	3	2.3
BRADFORD	0	-	0	-	0	-	1	1.6	1	1.6
BUCKS	5	1.0	1	0.2	1	0.2	4	0.8	0	-
BUTLER	1	0.7	1	0.7	1	0.7	2	1.3	1	0.7
CAMBRIA	3	1.7	2	1.2	0	-	4	2.3	1	0.6
CAMERON	0	-	0	-	0	-	0	-	0	-
CARBON	1	1.8	0	-	1	1.8	0	-	0	-
CENTRE	1	0.9	1	0.9	2	1.7	1	0.9	0	-
CHESTER	2	0.6	1	0.3	2	0.6	5	1.5	1	0.3
CLARION	0	-	0	-	0	-	0	-	0	-
CLEARFIELD	1	1.2	1	1.2	1	1.2	0	-	0	-
CLINTON	0	-	0	-	0	-	0	-	0	-
COLUMBIA	0	-	0	-	1	1.6	0	-	1	1.6
CRAWFORD	0	-	0	-	0	-	0	-	0	-
CUMBERLAND	2	1.1	0	-	0	-	2	1.1	0	-
DAUPHIN	1	0.4	2	0.8	3	1.3	2	0.8	2	0.8
DELAWARE	4	0.7	14	2.5	3	0.5	5	0.9	4	0.7
ELK	0	-	0	-	1	2.7	0	-	0	-
ERIE	3	1.1	0	-	5	1.8	2	0.7	2	0.7
FAYETTE	1	0.6	0	-	0	-	1	0.6	4	2.6
FOREST	1	20.8	1	20.8	0	-	0	-	0	-
FRANKLIN	1	0.8	1	0.8	2	1.7	1	0.8	2	1.7
FULTON	0	-	0	-	0	-	0	-	0	-
GREENE	1	2.5	0	-	0	-	0	-	1	2.5
HUNTINGDON	0	-	0	-	0	-	0	-	0	-
INDIANA	0	-	1	1.1	0	-	1	1.1	0	-
JEFFERSON	1	2.1	0	-	0	-	0	-	1	2.1

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	DISEASES OF PANCREAS		ALCOHOLISM		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS		EPILEPSY	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	0	-	0	-	1	5.0	0	-
LACKAWANNA	1	0.4	1	0.4	3	1.3	0	-	4	1.8
LANCASTER	2	0.5	0	-	6	1.5	3	0.8	0	-
LAWRENCE	1	1.0	0	-	2	2.0	0	-	2	2.0
LEBANON	0	-	0	-	1	0.9	1	0.9	0	-
LEHIGH	4	1.4	0	-	2	0.7	4	1.4	1	0.4
LUZERNE	7	2.1	3	0.9	5	1.5	1	0.3	0	-
LYCOMING	0	-	0	-	0	-	1	0.9	0	-
MCKEAN	0	-	2	4.2	0	-	0	-	0	-
MERCER	3	2.4	1	0.8	0	-	1	0.8	0	-
MIFFLIN	0	-	1	2.2	0	-	0	-	0	-
MONROE	1	1.2	3	3.6	0	-	0	-	0	-
MONTGOMERY	8	1.2	2	0.3	5	0.7	2	0.3	7	1.0
MONTOUR	1	6.0	0	-	1	6.0	0	-	0	-
NORTHAMPTON	2	0.9	1	0.4	2	0.9	2	0.9	1	0.4
NORTHUMBERLAND	2	2.0	0	-	0	-	0	-	1	1.0
PERRY	0	-	0	-	2	5.2	0	-	0	-
PHILADELPHIA	14	0.9	43	2.6	16	1.0	13	0.8	16	1.0
PIKE	1	4.5	0	-	0	-	0	-	0	-
POTTER	0	-	0	-	0	-	0	-	0	-
SCHUYLKILL	3	1.9	1	0.6	4	2.6	0	-	0	-
SNYDER	0	-	0	-	1	2.8	1	2.8	0	-
SOMERSET	1	1.2	0	-	0	-	0	-	1	1.2
SULLIVAN	0	-	1	15.9	0	-	0	-	0	-
SUSQUEHANNA	0	-	0	-	0	-	0	-	0	-
TIOGA	0	-	0	-	0	-	0	-	1	2.5
UNION	0	-	0	-	0	-	0	-	0	-
VENANGO	0	-	2	3.2	0	-	0	-	0	-
WARREN	1	2.2	0	-	1	2.2	1	2.2	0	-
WASHINGTON	1	0.5	1	0.5	5	2.4	3	1.4	2	0.9
WAYNE	0	-	0	-	0	-	1	2.6	0	-
WESTMORELAND	6	1.6	0	-	1	0.3	3	0.8	1	0.3
WYOMING	1	3.6	0	-	0	-	1	3.6	1	3.6
YORK	2	0.6	1	0.3	2	0.6	0	-	4	1.2

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	76	0.6	67	0.6	51	0.4	11,657	98.0
ADAMS	1	1.4	0	-	0	-	43	60.4
ALLEGHENY	3	0.2	7	0.5	7	0.5	1,205	87.7
ARMSTRONG	1	1.3	1	1.3	0	-	77	98.1
BEAVER	2	1.0	0	-	1	0 5	131	67.8
BEDFORD	0	-	0	-	0	-	27	56.6
BERKS	1	0.3	3	0.9	1	0.3	399	124.3
BLAIR	2	1.5	3	2.3	0	-	130	98.1
BRADFORD	1	1.6	0	-	1	1.6	79	122.9
BUCKS	0	-	1	0.2	1	0.2	450	86.2
BUTLER	0	-	0	-	0	-	83	54.9
CAMBRIA	1	0.6	1	0.6	1	0.6	122	70.4
CAMERON	0	-	0	-	0	-	3	46.2
CARBON	1	1.8	0	-	0	-	46	84.6
CENTRE	0	-	1	0.9	0	-	52	45.4
CHESTER	1	0.3	1	0.3	1	0.3	234	69.0
CLARION	0	-	0	-	0	-	23	54.0
CLEARFIELD	0	-	1	1.2	2	2.4	57	69.4
CLINTON	0	-	0	-	0	-	18	47.2
COLUMBIA	1	1.6	0	-	0	-	40	65.3
CRAWFORD	0	-	0	-	1	1.1	78	89.5
CUMBERLAND	1	0.5	0	-	1	0.5	123	64.8
DAUPHIN	0	-	2	0.8	1	0.4	206	87.0
DELAWARE	0	-	2	0.4	7	1.2	502	89.5
ELK	0	-	0	-	0	-	16	42.7
ERIE	1	0.4	1	0.4	1	0.4	214	76.6
FAYETTE	0	-	1	0.6	1	0.6	155	99.5
FOREST	1	20.8	0	-	0	-	4	83.2
FRANKLIN	1	0.8	1	0.8	1	0.8	81	68.2
FULTON	0	-	0	-	0	-	6	42.9
GREENE	0	-	2	4.9	0	-	38	93.1
HUNTINGDON	0	-	0	-	0	-	28	65.3
INDIANA	1	1.1	0	-	1	1.1	62	67.1
JEFFERSON	0	-	0	-	0	-	49	101.2

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1986

COUNTY	TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	0	-	0	-	15	75.0
LACKAWANNA	2	0.9	2	0.9	0	-	189	84.8
LANCASTER	0	-	0	-	0	-	259	65.8
LAWRENCE	0	-	0	-	1	1.0	66	64.8
LEBANON	0	-	0	-	1	0.9	75	67.0
LEHIGH	0	-	1	0.4	1	0.4	228	81.0
LUZERNE	5	1.5	4	1.2	1	0.3	272	82.1
LYCOMING	0	-	1	0.9	0	-	95	81.7
MCKEAN	0	-	0	-	0	-	40	84.6
MERCER	0	-	1	0.8	0	-	100	80.9
MIFFLIN	1	2.2	0	-	0	-	53	114.2
MONROE	0	-	0	-	0	-	57	68.9
MONTGOMERY	4	0.6	7	1.0	2	0.3	550	81.8
MONTOUR	0	-	0	-	0	-	22	131.7
NORTHAMPTON	2	0.9	3	1.3	0	-	178	76.0
NORTHUMBERLAND	0	-	2	2.0	0	-	107	107.6
PERRY	0	-	0	-	0	-	30	77.3
PHILADELPHIA	26	1.6	8	0.5	9	0.5	3,283	199.8
PIKE	0	-	0	-	0	-	35	156.9
POTTER	0	-	0	-	0	-	19	103.8
SCHUYLKILL	4	2.6	1	0.6	1	0.6	125	79.9
SNYDER	2	5.6	0	-	0	-	26	73.0
SOMERSET	0	-	2	2.5	1	1.2	73	90.2
SULLIVAN	0	-	0	-	1	15.9	8	127.0
SUSQUEHANNA	0	-	0	-	0	-	26	65.2
TIOGA	0	-	0	-	0	-	30	74.1
UNION	0	-	0	-	0	-	25	72.3
VENANGO	1	1.6	1	1.6	0	-	50	80.5
WARREN	1	2.2	1	2.2	0	-	44	94.8
WASHINGTON	1	0.5	1	0.5	1	0.5	163	76.7
WAYNE	0	-	0	-	0	-	30	77.5
WESTMORELAND	5	1.3	2	0.5	1	0.3	371	97.4
WYOMING	0	-	0	-	0	-	14	50.4
YORK	2	0.6	2	0.6	2	0.6	218	66.7

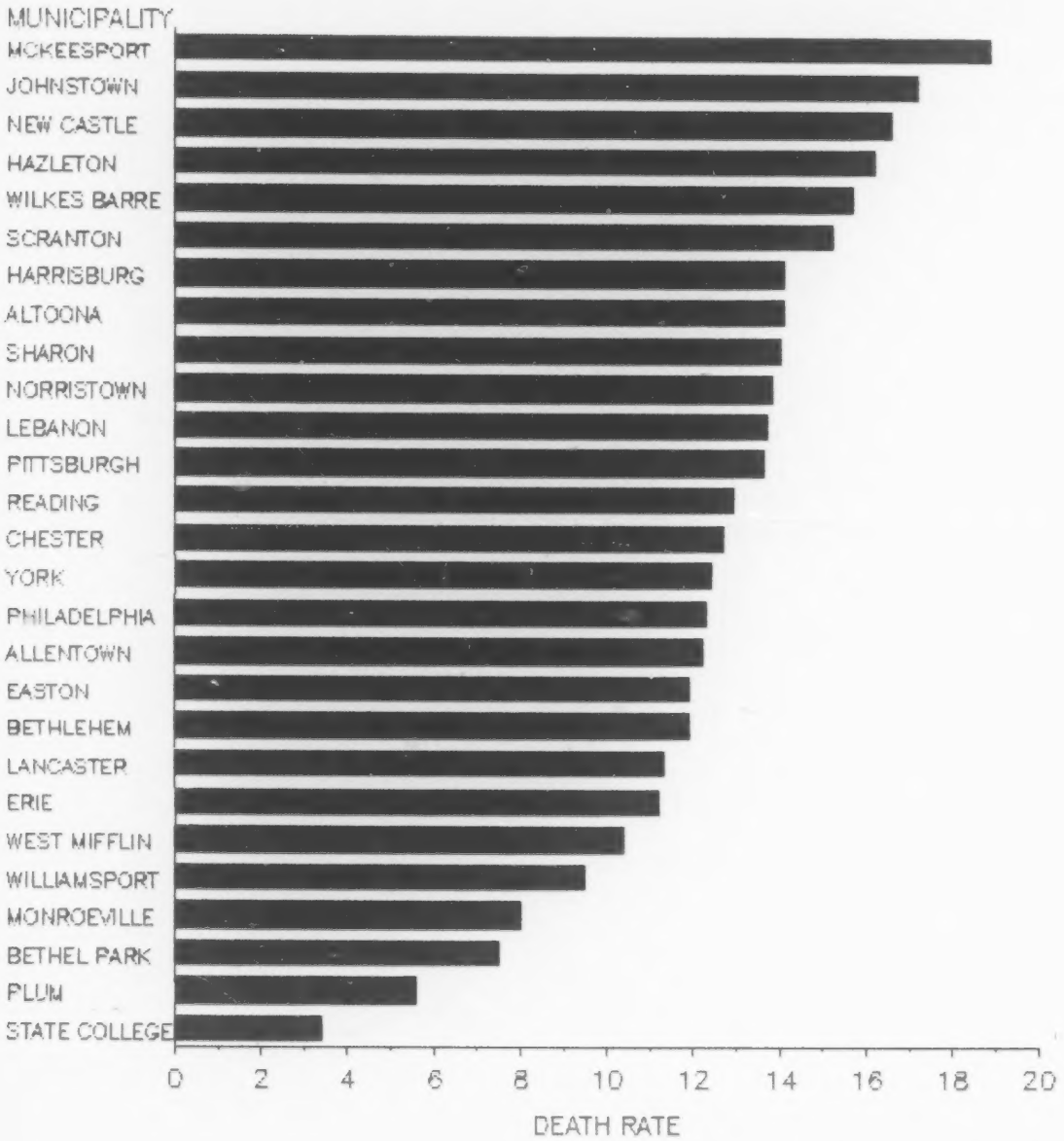
* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH COUNTY.

TABLE C-29
RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS
FOR SELECTED MUNICIPALITIES, NUMBER AND RATE*: PENNSYLVANIA, 1986

	LIVE BIRTHS		ALL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER**	RATE
STATE TOTAL	160,336	13.5	123,852	10.4	1,628	10.2	1,084	6.8	1,776	11.0
ALLENTOWN	1,634	15.7	1,274	12.2	19	11.6	16	9.8	21	12.7
ALTOONA	629	11.8	748	14.1	6	9.5	4	6.4	10	15.6
BETHEL PARK	429	12.6	254	7.5	2	4.7	2	4.7	1	2.3
BETHLEHEM	801	11.4	836	11.9	12	15.0	5	6.2	10	12.3
CHESTER	1,008	23.1	554	12.7	16	15.9	12	11.9	15	14.7
EASTON	439	16.5	316	11.9	5	11.4	4	9.1	3	6.8
ERIE	2,240	19.4	1,286	11.2	19	8.5	13	5.8	39	17.1
HARRISBURG	1,205	23.4	728	14.1	18	14.9	12	10.0	22	17.9
HAZLETON	328	13.0	409	16.2	3	9.1	3	9.1	1	3.0
JOHNSTOWN	382	12.0	548	17.2	9	23.6	5	13.1	2	5.2
LANCASTER	1,102	19.3	645	11.3	17	15.4	11	10.0	15	13.4
LEBANON	380	14.4	361	13.7	2	5.3	1	2.6	3	7.8
MCKEESPORT	390	14.3	515	18.9	4	10.3	1	2.6	7	17.6
MONROEVILLE	324	10.9	237	8.0	2	6.2	2	6.2	4	12.2
NEW CASTLE	424	13.8	508	16.6	5	11.8	2	4.7	4	9.3
NORRISTOWN	729	21.6	466	13.8	12	16.5	9	12.3	8	10.9
PHILADELPHIA	28,040	17.1	20,221	12.3	427	15.2	280	10.0	381	13.4
PITTSBURGH	5,417	14.0	5,255	13.6	90	16.6	68	12.6	94	17.1
PLUM	393	15.6	142	5.6	4	10.2	3	7.6	4	10.1
READING	1,385	17.8	1,005	12.9	21	15.2	10	7.2	19	13.5
SCRANTON	1,055	12.8	1,252	15.2	8	7.6	2	1.9	10	9.4
SHARON	242	15.0	226	14.0	0	-	0	-	2	8.2
STATE COLLEGE	191	5.6	118	3.4	1	5.2	1	5.2	2	10.4
WEST MIFFLIN	264	10.7	255	10.4	3	11.4	3	11.4	3	11.2
WILKES BARRE	627	13.1	751	15.7	4	6.4	1	1.6	8	12.6
WILLIAMSPORT	526	16.6	302	9.5	3	5.7	3	5.7	9	16.8
YORK	825	18.6	552	12.4	11	13.3	8	9.7	14	16.7
ALL OTHER AREAS	108,927	12.5	84,088	9.6	905	8.3	603	5.5	1,065	9.7

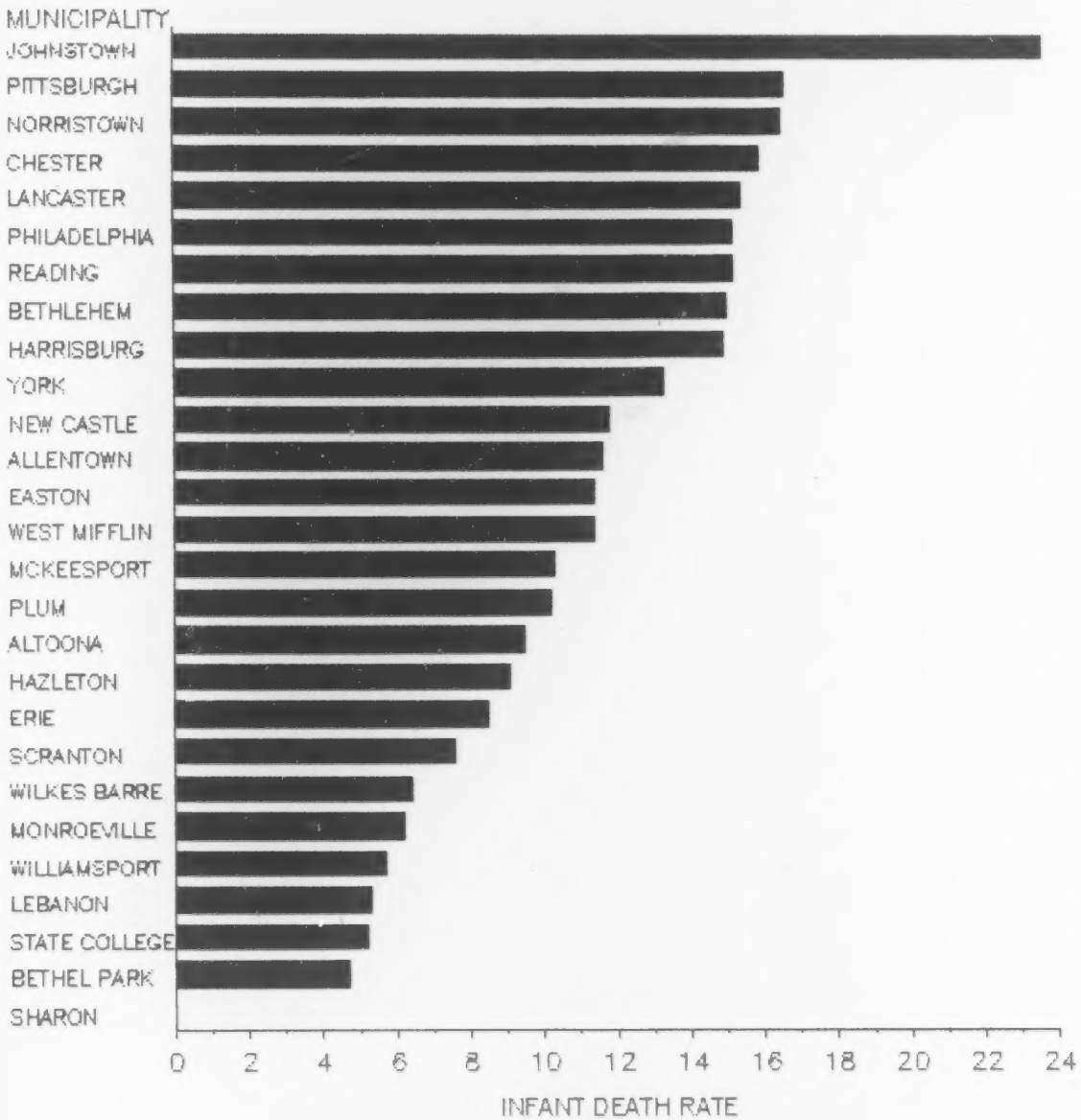
* BIRTH AND DEATH CRUDE RATES PER 1,000 ESTIMATED 1986 POPULATION.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS.
FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

FIGURE C-31
RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1986



NOTE: RATE PER 1,000 POPULATION, 1986. SEE TABLE C-29 FOR CORRESPONDING DATA.

FIGURE C–32
RESIDENT INFANT DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1986



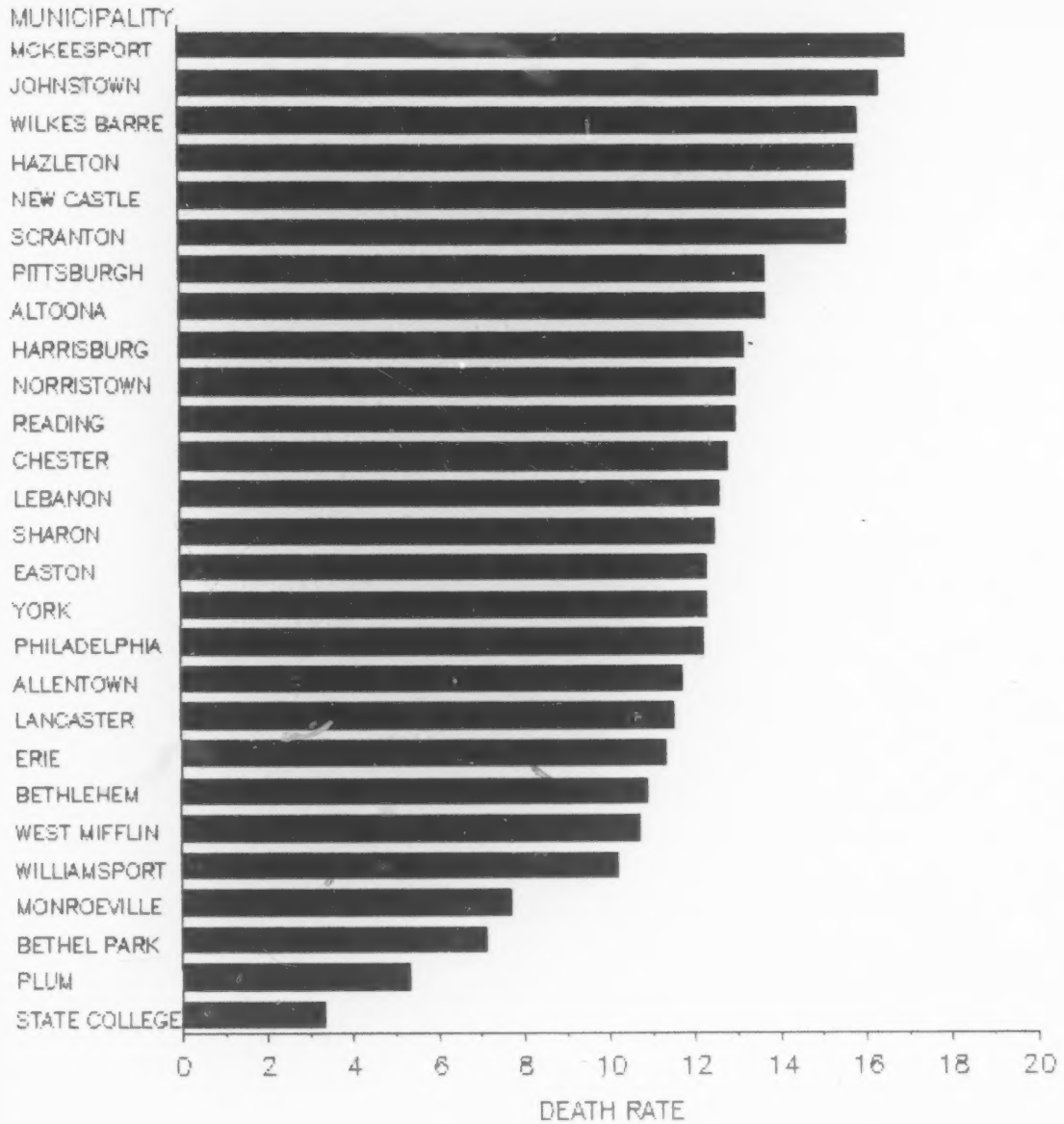
NOTE: RATE PER 1,000 LIVE BIRTHS, 1986. SEE TABLE C–29 FOR CORRESPONDING DATA.

TABLE C-30
RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS FOR SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986

MUNICIPALITY	ALL DEATHS 1982-1986		INFANT DEATHS 1982-1986		NEONATAL DEATHS 1982-1986	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	607,959	10.2	8,613	10.8	5,963	7.5
ALLENTOWN	6,107	11.7	80	10.0	55	6.9
ALTOONA	3,715	13.7	45	12.8	32	9.1
BETHEL PARK	1,221	7.1	20	9.8	15	7.3
BETHLEHEM	3,836	10.9	48	11.4	34	8.1
CHESTER	2,834	12.8	82	17.1	62	12.9
EASTON	1,613	12.3	26	12.4	16	7.6
ERIE	6,614	11.3	138	12.7	102	9.4
HARRISBURG	3,449	13.2	87	15.7	62	11.2
HAZLETON	2,045	15.8	18	11.9	16	10.6
JOHNSTOWN	2,710	16.4	37	17.8	24	11.5
LANCASTER	3,233	11.5	85	16.0	59	11.1
LEBANON	1,653	12.6	24	12.2	15	7.6
MCKEESPORT	2,432	17.0	31	14.4	19	8.8
MONROEVILLE	1,164	7.7	22	13.1	15	8.9
NEW CASTLE	2,477	15.6	30	13.0	20	8.7
NORRISTOWN	2,236	13.0	59	17.0	45	12.9
PHILADELPHIA	100,801	12.2	2,120	16.2	1,404	10.7
PITTSBURGH	27,512	13.7	456	16.5	345	12.5
PLUM	666	5.3	19	9.6	16	8.1
READING	5,085	13.0	86	12.1	59	8.3
SCRANTON	6,561	15.6	63	11.6	45	8.3
SHARON	1,052	12.5	10	8.1	7	5.6
STATE COLLEGE	566	3.3	7	8.1	5	5.8
WEST MIFFLIN	1,359	10.7	19	14.0	18	13.2
WILKES BARRE	3,909	15.9	20	6.4	14	4.4
WILLIAMSPORT	1,646	10.2	19	7.3	11	4.2
YORK	2,728	12.3	55	14.0	36	9.1
ALL OTHER AREAS	408,735	9.4	4,907	8.9	3,412	6.2

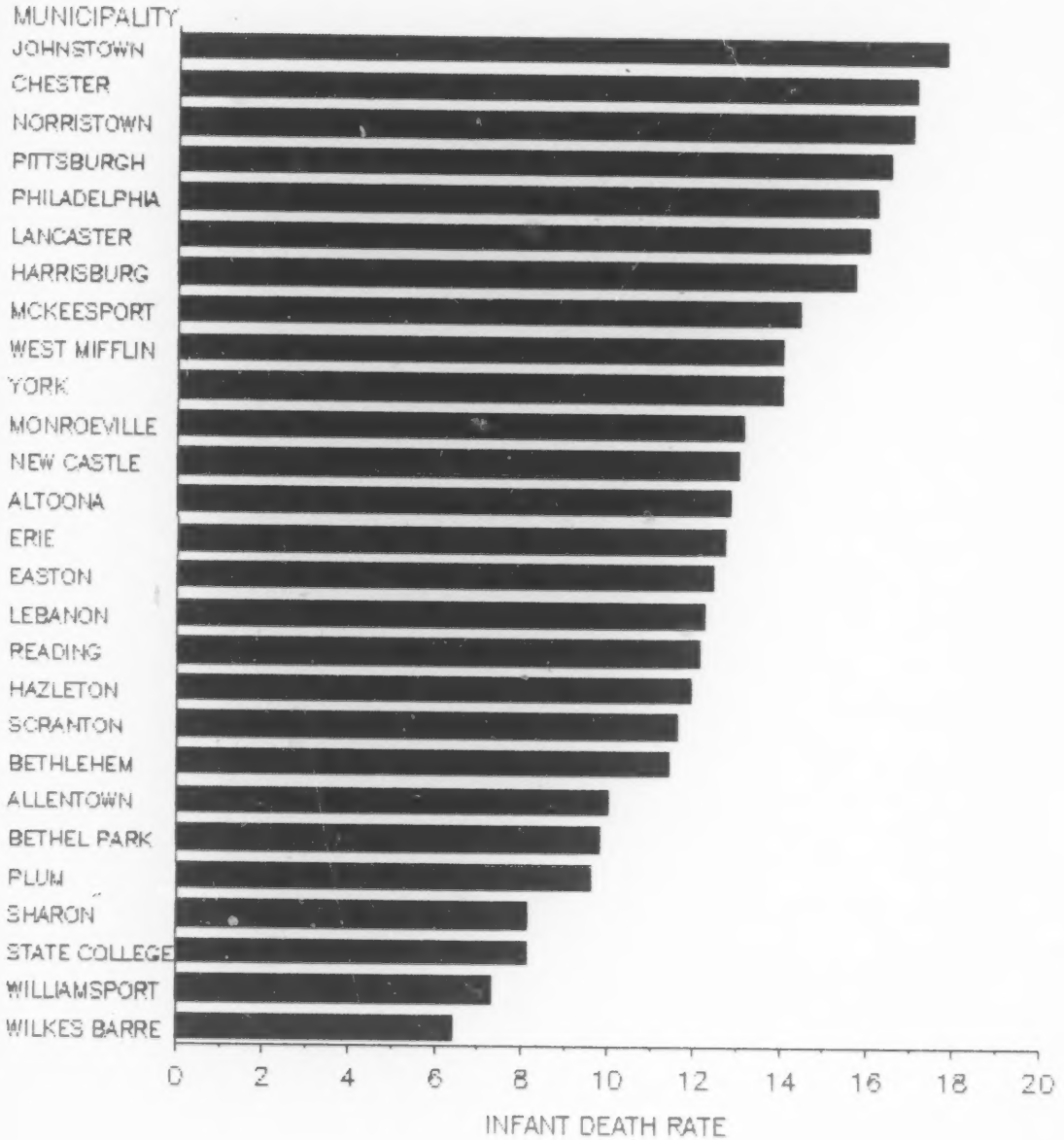
* CRUDE DEATH RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA, 1982-1986.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS FOR EACH SPECIFIED AREA, 1982-1986.
NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE C-33
RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986



NOTE: RATE PER 1,000 POPULATION, 1982-1986. SEE TABLE C-30 FOR CORRESPONDING DATA.

FIGURE C-34
RESIDENT INFANT DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, FIVE YEAR SUMMARY, 1982-1986



NOTE: RATE PER 1,000 LIVE BIRTHS, 1982-1986. SEE TABLE C-30 FOR CORRESPONDING DATA.

TABLE C-31
RESIDENT DEATHS BY AGE GROUP AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1986

MUNICIPALITY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
STATE TOTAL	123,852	1,897	158	184	653	961	2,256	2,915	5,698	16,704	31,263	35,799	25,364
ALLENTOWN	1,274	25	2	1	2	8	15	30	57	158	317	375	284
ALTOONA	748	6	0	2	7	1	6	15	37	81	182	244	167
BETHEL PARK	254	2	0	1	2	1	7	4	13	32	65	76	51
BETHLEHEM	836	13	3	0	3	3	9	14	32	114	226	238	181
CHESTER	554	19	0	0	4	4	15	31	33	86	137	159	66
EASTON	316	5	0	0	1	4	9	5	15	54	65	92	66
ERIE	1,286	20	2	0	5	7	22	34	58	196	346	321	275
HARRISBURG	728	19	2	2	1	6	32	21	48	117	171	175	134
HAZLETON	409	3	0	0	3	2	4	7	13	55	95	145	82
JOHNSTOWN	548	11	2	2	4	6	4	14	23	83	155	149	95
LANCASTER	645	21	0	2	5	6	16	17	28	66	168	188	128
LEBANON	361	2	0	1	2	8	5	7	21	47	113	92	63
MCKEESPORT	515	4	1	2	1	3	5	8	10	77	138	154	112
MONROEVILLE	237	2	0	1	0	2	6	3	10	38	68	69	38
NEW CASTLE	508	5	0	0	1	1	5	9	14	76	125	150	122
NORRISTOWN	466	13	2	1	0	4	20	16	28	79	94	125	84
PHILADELPHIA	20,221	492	35	25	85	184	607	718	1,257	2,989	5,058	5,338	3,433
PITTSBURGH	5,255	97	2	3	17	36	96	102	242	706	1,352	1,532	1,070
PLUM	142	5	1	1	0	1	1	3	9	27	34	33	27
READING	1,005	28	0	1	3	10	17	21	45	124	257	316	183
SCRANTON	1,252	11	0	1	3	8	10	20	48	173	310	417	251
SHARON	226	0	0	1	3	3	1	12	8	27	66	62	43
STATE COLLEGE	118	1	0	0	0	1	1	5	6	14	24	38	28
WEST MIFFLIN	255	3	0	0	0	1	3	2	10	31	87	84	34
WILKES BARRE	751	5	0	1	2	5	14	9	37	86	212	238	142
WILLIAMSPORT	302	6	0	0	3	4	3	9	12	42	69	107	47
YORK	552	13	1	1	2	4	18	22	24	64	126	171	106
ALL OTHER AREAS	84,088	1,066	105	135	494	638	1,305	1,757	3,560	11,062	21,203	24,711	18,052

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-32
RESIDENT DEATHS BY SEX AND RACE FOR SELECTED MUNICIPALITIES
PENNSYLVANIA, 1986

COUNTY	TOTAL DEATHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
STATE TOTAL	123,852	112,436	57,023	55,413	11,416	6,144	5,272
ALLENTOWN	1,274	1,247	605	642	27	17	10
ALTOONA	748	738	370	368	10	6	4
BETHEL PARK	254	250	130	120	4	3	1
BETHLEHEM	836	823	425	398	13	5	8
CHESTER	554	265	128	137	289	159	130
EASTON	316	302	133	169	14	9	5
ERIE	1,286	1,212	604	608	74	53	21
HARRISBURG	728	493	242	251	235	128	107
HAZLETON	409	408	190	218	1	1	0
JOHNSTOWN	548	521	271	250	27	18	9
LANCASTER	645	606	304	302	39	20	19
LEBANON	361	357	196	161	4	4	0
MCKEESPORT	515	460	245	215	55	32	23
MONROEVILLE	237	227	101	126	10	5	5
NEW CASTLE	508	484	214	270	24	16	8
NORRISTOWN	466	381	193	188	85	45	40
PHILADELPHIA	20,221	12,946	6,508	6,438	7,275	3,869	3,406
PITTSBURGH	5,255	4,063	1,923	2,140	1,192	628	564
PLUM	142	140	73	67	2	0	2
READING	1,005	941	493	448	64	37	27
SCRANTON	1,252	1,243	595	648	9	6	3
SHARON	226	213	100	113	13	4	9
STATE COLLEGE	118	113	53	60	5	1	4
WEST MIFFLIN	255	238	128	110	17	11	6
WILKES BARRE	751	743	380	363	8	5	3
WILLIAMSPORT	302	290	153	137	12	9	3
YORK	552	485	236	249	67	44	23
ALL OTHER AREAS	84,088	82,247	42,030	40,217	1,841	1,009	832

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-33
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	123,852	1041.7	47,991	403.7	446	3.8	1,114	9.4	14,499	122.0
ALLENTOWN	1,274	1220.9	513	491.6	8	7.7	13	12.5	135	129.4
ALTOONA	748	1407.1	302	568.1	0	-	9	16.9	93	174.9
BETHEL PARK	254	747.3	97	285.4	3	8.8	1	2.9	39	114.7
BETHLEHEM	836	1188.7	342	486.3	3	4.3	7	10.0	85	120.9
CHESTER	554	1268.3	195	446.4	3	6.9	16	36.6	49	112.2
EASTON	316	1191.1	128	482.5	0	-	4	15.1	40	150.8
ERIE	1,286	1115.9	524	454.7	1	0.9	18	15.6	165	143.2
HARRISBURG	728	1412.8	258	500.7	3	5.8	6	11.6	80	155.2
HAZLETON	409	1618.5	175	692.5	0	-	2	7.9	51	201.8
JOHNSTOWN	548	1721.1	215	675.3	3	9.4	10	31.4	79	248.1
LANCASTER	645	1127.8	255	445.9	1	1.7	6	10.5	80	139.9
LEBANON	361	1368.5	144	545.9	1	3.8	3	11.4	40	151.6
MCKEESPORT	515	1894.8	202	743.2	1	3.7	4	14.7	77	283.3
MONROEVILLE	237	799.6	97	327.3	0	-	2	6.7	36	121.5
NEW CASTLE	508	1658.0	236	770.2	3	9.8	6	19.6	98	319.8
NORRISTOWN	466	1379.5	174	515.1	4	11.8	6	17.8	42	124.3
PHILADELPHIA	20,221	1230.8	6,419	390.7	56	3.4	166	10.1	1,422	86.6
PITTSBURGH	5,255	1356.2	2,008	518.2	28	7.2	46	11.9	674	173.9
PLUM	142	564.6	53	210.7	1	4.0	0	-	20	79.5
READING	1,005	1294.9	320	412.3	5	6.4	8	10.3	97	125.0
SCRANTON	1,252	1522.0	593	720.9	8	9.7	13	15.8	175	212.7
SHARON	226	1399.4	92	569.7	0	-	4	24.8	18	111.5
STATE COLLEGE	118	343.6	42	122.3	0	-	1	2.9	9	26.2
WEST MIFFLIN	255	1036.2	110	447.0	0	-	2	8.1	42	170.7
WILKES BARRE	751	1568.5	354	739.3	2	4.2	12	25.1	90	188.0
WILLIAMSPORT	302	953.0	107	337.6	0	-	3	9.5	26	82.0
YORK	552	1242.4	199	447.9	1	2.3	6	13.5	41	92.3
ALL OTHER AREAS	84,088	965.0	33,837	388.3	311	3.6	740	8.5	10,696	122.7

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	16,589	139.5	15,343	129.1	28,037	235.8	451	3.8	7,327	61.6	7,254	61.0
ALLENTOWN	162	155.2	195	186.9	297	284.6	5	4.8	82	78.6	72	69.0
ALTOONA	125	235.1	75	141.1	154	289.7	3	5.6	43	80.9	39	73.4
BETHEL PARK	35	103.0	19	55.9	70	205.9	1	2.9	21	61.8	18	53.0
BETHLEHEM	114	162.1	133	189.1	189	268.7	9	12.8	50	71.1	43	61.1
CHESTER	66	151.1	61	139.7	133	304.5	1	2.3	33	75.5	42	96.2
EASTON	24	90.5	60	226.2	60	226.2	0	-	16	60.3	18	67.8
ERIE	204	177.0	136	118.0	282	244.7	8	6.9	66	57.3	75	65.1
HARRISBURG	58	112.6	111	215.4	170	329.9	7	13.6	38	73.7	48	93.1
HAZLETON	67	265.1	55	217.6	93	368.0	0	-	30	118.7	15	59.4
JOHNSTOWN	85	267.0	38	119.3	118	370.6	2	6.3	36	113.1	31	97.4
LANCASTER	81	141.6	87	152.1	135	236.1	1	1.7	34	59.5	43	75.2
LEBANON	43	163.0	57	216.1	89	337.4	3	11.4	19	72.0	24	91.0
MCKEESPORT	55	202.4	65	239.1	105	386.3	1	3.7	29	106.7	32	117.7
MONROEVILLE	32	108.0	27	91.1	73	246.3	1	3.4	18	60.7	19	64.1
NEW CASTLE	92	300.3	37	120.8	93	303.5	4	13.1	26	84.9	21	68.5
NORRISTOWN	49	145.1	73	216.1	88	260.5	1	3.0	26	77.0	28	82.9
PHILADELPHIA	2,279	138.7	2,496	151.9	4,598	279.9	101	6.1	1,241	75.5	1,295	78.8
PITTSBURGH	607	156.7	653	168.5	1,265	326.5	21	5.4	327	84.4	347	89.6
PLUM	20	79.5	12	47.7	38	151.1	0	-	6	23.9	10	39.8
READING	87	112.1	123	158.5	233	300.2	4	5.2	55	70.9	67	86.3
SCRANTON	162	196.9	235	285.7	269	327.0	2	2.4	80	97.3	67	81.4
SHARON	44	272.4	26	161.0	47	291.0	0	-	18	111.5	11	68.1
STATE COLLEGE	13	37.9	19	55.3	29	84.4	1	2.9	7	20.4	4	11.6
WEST MIFFLIN	37	150.3	29	117.8	65	264.1	1	4.1	20	81.3	20	81.3
WILKES BARRE	123	256.9	127	265.2	148	309.1	3	6.3	40	83.5	41	85.6
WILLIAMSPORT	40	126.2	38	119.9	81	255.6	3	9.5	17	53.6	24	75.7
YORK	93	209.3	58	130.5	115	258.8	3	6.8	34	76.5	26	58.5
ALL OTHER AREAS	11,792	135.3	10,298	118.2	19,000	218.0	265	3.0	4,915	56.4	4,774	54.8

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	3,078	25.9	4,103	34.5	3,194	26.9	1,068	9.0	1,562	13.1
ALLENTOWN	22	21.1	42	40.2	40	38.3	15	14.4	19	18.2
ALTOONA	16	30.1	20	37.6	15	28.2	9	16.9	9	16.9
BETHEL PARK	6	17.7	7	20.6	8	23.5	5	14.7	4	11.8
BETHLEHEM	19	27.0	28	39.8	24	34.1	6	8.5	10	14.2
CHESTER	12	27.5	19	43.5	12	27.5	6	13.7	8	18.3
EASTON	5	18.8	9	33.9	5	18.8	4	15.1	3	11.3
ERIE	29	25.2	37	32.1	43	37.3	9	7.8	15	13.0
HARRISBURG	22	42.7	21	40.8	17	33.0	7	13.6	10	19.4
HAZLETON	22	87.1	12	47.5	4	15.8	3	11.9	7	27.7
JOHNSTOWN	9	28.3	15	47.1	14	44.0	4	12.6	7	22.0
LANCASTER	11	19.2	23	40.2	12	21.0	5	8.7	6	10.5
LEBANON	9	34.1	20	75.8	10	37.9	2	7.6	2	7.6
MCKEESPORT	14	51.5	16	58.9	6	22.1	1	3.7	6	22.1
MONROEVILLE	9	30.4	9	30.4	9	30.4	4	13.5	4	13.5
NEW CASTLE	11	35.9	14	45.7	8	26.1	3	9.8	6	19.6
NORRISTOWN	6	17.8	8	23.7	14	41.4	1	3.0	4	11.8
PHILADELPHIA	460	28.0	639	38.9	474	28.9	145	8.8	243	14.8
PITTSBURGH	137	35.4	186	48.0	153	39.5	34	8.8	60	15.5
PLUM	9	35.8	4	15.9	6	23.9	1	4.0	2	8.0
READING	20	25.8	31	39.9	34	43.8	12	15.5	10	12.9
SCRANTON	26	31.6	42	51.1	30	36.5	10	12.2	12	14.6
SHARON	6	37.2	9	55.7	2	12.4	0	-	1	6.2
STATE COLLEGE	5	14.6	5	14.6	7	20.4	0	-	0	-
WEST MIFFLIN	8	32.5	6	24.4	6	24.4	2	8.1	2	8.1
WILKES BARRE	17	35.5	21	43.9	15	31.3	6	12.5	5	10.4
WILLIAMSPORT	5	15.8	13	41.0	12	37.9	1	3.2	6	18.9
YORK	16	36.0	14	31.5	11	24.8	4	9.0	7	15.8
ALL OTHER AREAS	2,147	24.6	2,833	32.5	2,203	25.3	769	8.8	1,094	12.6

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	7,961	67.0	4,253	35.8	3,622	30.5	2,501	21.0	2,205	18.5	1,977	16.6
ALLENTOWN	88	84.3	44	42.2	44	42.2	26	24.9	12	11.5	14	13.4
ALTOONA	49	92.2	36	67.7	20	37.6	17	32.0	13	24.5	6	11.3
BETHEL PARK	21	61.8	7	20.6	7	20.6	4	11.8	3	8.8	6	17.7
BETHLEHEM	50	71.1	33	46.9	30	42.7	8	11.4	9	12.8	10	14.2
CHESTER	41	93.9	19	43.5	11	25.2	13	29.8	8	18.3	4	9.2
EASTON	25	94.2	16	60.3	16	60.3	3	11.3	7	26.4	5	18.8
ERIE	124	107.6	33	28.6	35	30.4	41	35.6	20	17.4	24	20.8
HARRISBURG	45	87.3	27	52.4	21	40.8	9	17.5	20	38.8	11	21.3
HAZLETON	23	91.0	8	31.7	15	59.4	14	55.4	2	7.9	3	11.9
JOHNSTOWN	52	163.3	24	75.4	14	44.0	16	50.3	12	37.7	9	28.3
LANCASTER	43	75.2	29	50.7	18	31.5	16	28.0	9	15.7	11	19.2
LEBANON	19	72.0	19	72.0	10	37.9	12	45.5	5	19.0	5	19.0
MCKEESPORT	38	139.8	24	88.3	11	40.5	9	33.1	6	22.1	4	14.7
MONROEVILLE	10	33.7	11	37.1	4	13.5	5	16.9	2	6.7	3	10.1
NEW CASTLE	37	120.8	20	65.3	17	55.5	10	32.6	4	13.1	3	9.8
NORRISTOWN	24	71.0	19	56.2	12	35.5	8	23.7	22	65.1	6	17.8
PHILADELPHIA	1,136	69.1	480	29.2	576	35.1	336	20.5	460	28.0	154	9.4
PITTSBURGH	304	78.5	197	50.8	158	40.8	120	31.0	91	23.5	45	11.6
PLUM	9	35.8	10	39.8	4	15.9	3	11.9	2	8.0	3	11.9
READING	68	87.6	43	55.4	20	25.8	17	21.9	23	29.6	14	18.0
SCRANTON	63	76.6	42	51.1	38	46.2	23	28.0	16	19.5	12	14.6
SHARON	10	61.9	10	61.9	9	55.7	1	6.2	4	24.8	3	18.6
STATE COLLEGE	8	23.3	6	17.5	4	11.6	0	-	0	-	2	5.8
WEST MIFFLIN	10	40.6	9	36.6	8	32.5	4	16.3	5	20.3	0	-
WILKES BARRE	36	75.2	23	48.0	22	45.9	14	29.2	16	33.4	8	16.7
WILLIAMSPORT	23	72.6	12	37.9	7	22.1	6	18.9	10	31.6	7	22.1
YORK	30	67.5	27	60.8	14	31.5	9	20.3	15	33.8	7	15.8
ALL OTHER AREAS	5,575	64.0	3,025	34.7	2,477	28.4	1,757	20.2	1,409	16.2	1,598	18.3

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

	SEPTICEMIA		NEPHRITIS AND NEPHROSIS		SUICIDE		LIVER DISEASE AND CIRRHOSIS		ATHERO-SCLEROSIS		AORTIC ANEURYSM	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,695	14.3	1,535	12.9	1,443	12.1	1,234	10.4	1,117	9.4	926	7.8
ALLENTOWN	10	9.6	12	11.5	19	18.2	14	13.4	8	7.7	13	12.5
ALTOONA	7	13.2	12	22.6	8	15.0	10	18.8	2	3.8	3	5.6
BETHEL PARK	4	11.8	2	5.9	4	11.8	2	5.9	2	5.9	3	8.8
BETHLEHEM	8	11.4	6	8.5	9	12.8	9	12.8	17	24.2	10	14.2
CHESTER	10	22.9	4	9.2	3	6.9	6	13.7	1	2.3	3	6.9
EASTON	4	15.1	4	15.1	4	15.1	2	7.5	1	3.8	3	11.3
ERIE	10	8.7	10	8.7	10	8.7	14	12.1	6	5.2	6	5.2
HARRISBURG	16	31.0	14	27.2	10	19.4	6	11.6	7	13.6	4	7.8
HAZLETON	1	4.0	5	19.8	2	7.9	5	19.8	3	11.9	6	23.7
JOHNSTOWN	7	22.0	5	15.7	3	9.4	7	22.0	10	31.4	4	12.6
LANCASTER	4	7.0	10	17.5	6	10.5	6	10.5	7	12.2	8	14.0
LEBANON	4	15.2	2	7.6	4	15.2	4	15.2	2	7.6	4	15.2
MCKEESPORT	11	40.5	10	36.8	5	18.4	6	22.1	6	22.1	4	14.7
MONROEVILLE	1	3.4	2	6.7	2	6.7	2	6.7	0	-	3	10.1
NEW CASTLE	3	9.8	7	22.8	3	9.8	5	16.3	4	13.1	2	6.5
NORRISTOWN	3	8.9	6	17.8	5	14.8	8	23.7	3	8.9	4	11.8
PHILADELPHIA	571	34.8	312	19.0	246	15.0	213	13.0	90	5.5	115	7.0
PITTSBURGH	76	19.6	86	22.2	53	13.7	54	13.9	22	5.7	37	9.5
PLUM	1	4.0	4	15.9	0	-	0	-	0	-	2	8.0
READING	12	15.5	7	9.0	12	15.5	11	14.2	7	9.0	11	14.2
SCRANTON	15	18.2	10	12.2	5	6.1	9	10.9	8	9.7	7	8.5
SHARON	5	31.0	2	12.4	3	18.6	5	31.0	2	12.4	3	18.6
STATE COLLEGE	0	-	1	2.9	3	8.7	2	5.8	2	5.8	0	-
WEST MIFFLIN	3	12.2	5	20.3	2	8.1	4	16.3	0	-	4	16.3
WILKES BARRE	8	16.7	13	27.2	4	8.4	6	12.5	7	14.6	6	12.5
WILLIAMSPORT	4	12.6	2	6.3	4	12.6	2	6.3	1	3.2	3	9.5
YORK	6	13.5	11	24.8	13	29.3	2	4.5	8	18.0	6	13.5
ALL OTHER AREAS	891	10.2	971	11.1	1,001	11.5	820	9.4	891	10.2	652	7.5

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

MUNICIPALITY	PERINATAL CONDITIONS		HOMICIDE AND LEGAL INTERV		PNEUMOCONIOSIS		CONGENITAL ANOMALIES		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	829	7.0	658	5.5	562	4.7	530	4.5	458	3.9	420	3.5
ALLENTOWN	14	13.4	9	8.6	0	-	7	6.7	4	3.8	6	5.7
ALTOONA	4	7.5	0	-	0	-	6	11.3	2	3.8	3	5.6
BETHEL PARK	0	-	0	-	0	-	3	8.8	0	-	0	-
BETHLEHEM	4	5.7	3	4.3	0	-	3	4.3	3	4.3	3	4.3
CHESTER	10	22.9	14	32.1	2	4.6	3	6.9	5	11.4	1	2.3
EASTON	2	7.5	0	-	0	-	2	7.5	2	7.5	1	3.8
ERIE	7	6.1	5	4.3	1	0.9	2	1.7	3	2.6	5	4.3
HARRISBURG	11	21.3	6	11.6	0	-	4	7.8	5	9.7	3	5.8
HAZLETON	1	4.0	2	7.9	10	39.6	1	4.0	3	11.9	3	11.9
JOHNSTOWN	4	12.6	0	-	2	6.3	3	9.4	4	12.6	1	3.1
LANCASTER	9	15.7	4	7.0	0	-	6	10.5	0	-	2	3.5
LEBANON	1	3.8	1	3.8	0	-	3	11.4	0	-	0	-
MCKEESPORT	1	3.7	2	7.4	0	-	1	3.7	2	7.4	3	11.0
MONROEVILLE	1	3.4	1	3.4	0	-	3	10.1	1	3.4	0	-
NEW CASTLE	2	6.5	4	13.1	0	-	2	6.5	3	9.8	2	6.5
NORRISTOWN	8	23.7	9	26.6	3	8.9	3	8.9	4	11.8	2	5.9
PHILADELPHIA	237	14.4	343	20.9	7	0.4	84	5.1	98	6.0	68	4.1
PITTSBURGH	54	13.9	44	11.4	1	0.3	23	5.9	21	5.4	17	4.4
PLUM	1	4.0	1	4.0	0	-	3	11.9	0	-	1	4.0
READING	7	9.0	11	14.2	0	-	6	7.7	3	3.9	4	5.2
SCRANTON	4	4.9	2	2.4	10	12.2	3	3.6	5	6.1	3	3.6
SHARON	0	-	2	12.4	0	-	0	-	2	12.4	2	12.4
STATE COLLEGE	1	2.9	0	-	0	-	0	-	0	-	1	2.9
WEST MIFFLIN	3	12.2	0	-	0	-	0	-	2	8.1	0	-
WILKES BARRE	1	2.1	3	6.3	18	37.6	2	4.2	3	6.3	1	2.1
WILLIAMSPORT	2	6.3	0	-	0	-	1	3.2	1	3.2	0	-
YORK	5	11.3	6	13.5	1	2.3	6	13.5	1	2.3	2	4.5
ALL OTHER AREAS	435	5.0	186	2.1	507	5.8	350	4.0	281	3.2	286	3.3

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

	PARKINSON'S DISEASE		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	352	3.0	316	2.7	271	2.3	235	2.0	184	1.5	159	1.3
ALLENTOWN	2	1.9	5	4.8	8	7.7	1	1.0	1	1.0	1	1.0
ALTOONA	2	3.8	4	7.5	4	7.5	3	5.6	1	1.9	2	3.8
BETHEL PARK	0	-	0	-	1	2.9	0	-	1	2.9	1	2.9
BETHLEHEM	3	4.3	4	5.7	3	4.3	2	2.8	0	-	0	-
CHESTER	1	2.3	4	9.2	1	2.3	0	-	0	-	1	2.3
EASTON	1	3.8	0	-	0	-	0	-	1	3.8	0	-
ERIE	2	1.7	1	0.9	4	3.5	2	1.7	2	1.7	0	-
HARRISBURG	1	1.9	4	7.8	1	1.9	4	7.8	1	1.9	0	-
HAZLETON	0	-	2	7.9	1	4.0	0	-	0	-	0	-
JOHNSTOWN	1	3.1	3	9.4	1	3.1	0	-	1	3.1	2	6.3
LANCASTER	2	3.5	2	3.5	2	3.5	0	-	0	-	1	1.7
LEBANON	0	-	1	3.8	0	-	2	7.6	2	7.6	2	7.6
MCKEESPORT	2	7.4	6	22.1	1	3.7	1	3.7	0	-	2	7.4
MONROEVILLE	0	-	0	-	1	3.4	0	-	0	-	1	3.4
NEW CASTLE	1	3.3	1	3.3	1	3.3	1	3.3	8	26.1	0	-
NORRISTOWN	1	3.0	2	5.9	4	11.8	0	-	1	3.0	0	-
PHILADELPHIA	40	2.4	54	3.3	41	2.5	48	2.9	41	2.5	26	1.6
PITTSBURGH	25	6.5	13	3.4	12	3.1	8	2.1	4	1.0	6	1.5
PLUM	0	-	1	4.0	0	-	0	-	0	-	0	-
READING	0	-	5	6.4	2	2.6	1	1.3	1	1.3	3	3.9
SCRANTON	5	6.1	1	1.2	0	-	4	4.9	1	1.2	0	-
SHARON	0	-	0	-	1	6.2	0	-	0	-	1	6.2
STATE COLLEGE	1	2.9	1	2.9	0	-	0	-	0	-	0	-
WEST MIFFLIN	0	-	0	-	0	-	1	4.1	1	4.1	0	-
WILKES BARRE	2	4.2	0	-	4	8.4	2	4.2	1	2.1	1	2.1
WILLIAMSPORT	2	6.3	1	3.2	0	-	0	-	0	-	0	-
YORK	0	-	1	2.3	2	4.5	1	2.3	2	4.5	1	2.3
ALL OTHER AREAS	258	3.0	200	2.3	176	2.0	154	1.8	114	1.3	108	1.2

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

	DISEASES OF PANCREAS		ALCOHOLISM		VENOUS EMBOLISM & THROMBOSIS		MULTIPLE SCLEROSIS		EPILEPSY	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	121	1.0	110	0.9	107	0.9	97	0.8	95	0.8
ALLENTOWN	2	1.9	0	-	2	1.9	2	1.9	0	-
ALTOONA	2	3.8	1	1.9	1	1.9	0	-	3	5.6
BETHEL PARK	0	-	0	-	0	-	0	-	0	-
BETHLEHEM	0	-	0	-	0	-	1	1.4	0	-
CHESTER	0	-	6	13.7	0	-	1	2.3	0	-
EASTON	0	-	0	-	0	-	0	-	1	3.8
ERIE	2	1.7	0	-	4	3.5	0	-	1	0.9
HARRISBURG	1	1.9	1	1.9	0	-	0	-	0	-
HAZLETON	0	-	0	-	0	-	0	-	0	-
JOHNSTOWN	1	3.1	2	6.3	0	-	0	-	0	-
LANCASTER	1	1.7	0	-	1	1.7	0	-	0	-
LEBANON	0	-	0	-	1	3.8	0	-	0	-
MCKEESPORT	1	3.7	0	-	1	3.7	0	-	0	-
MONROEVILLE	0	-	0	-	0	-	0	-	0	-
NEW CASTLE	0	-	0	-	2	6.5	0	-	1	3.3
NORRISTOWN	0	-	0	-	0	-	0	-	1	3.0
PHILADELPHIA	14	0.9	43	2.6	16	1.0	13	0.8	16	1.0
PITTSBURGH	5	1.3	10	2.6	6	1.5	6	1.5	7	1.8
PLUM	0	-	0	-	0	-	0	-	0	-
READING	0	-	1	1.3	2	2.6	1	1.3	2	2.6
SCRANTON	1	1.2	1	1.2	1	1.2	0	-	1	1.2
SHARON	1	6.2	0	-	0	-	0	-	0	-
STATE COLLEGE	0	-	0	-	1	2.9	0	-	0	-
WEST MIFFLIN	1	4.1	0	-	0	-	0	-	1	4.1
WILKES BARRE	3	6.3	2	4.2	3	6.3	0	-	0	-
WILLIAMSPORT	0	-	0	-	0	-	0	-	0	-
YORK	0	-	1	2.3	1	2.3	0	-	3	6.8
ALL OTHER AREAS	86	1.0	42	0.5	65	0.7	73	0.8	58	0.7

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1986

MUNICIPALITY	TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	76	0.6	67	0.6	51	0.4	11,657	98.0
ALLENTOWN	0	-	0	-	1	1.0	95	91.0
ALTOONA	2	3.8	0	-	0	-	69	129.8
BETHEL PARK	0	-	0	-	0	-	16	47.1
BETHLEHEM	1	1.4	1	1.4	0	-	75	106.6
CHESTER	0	-	0	-	1	2.3	53	121.3
EASTON	0	-	1	3.8	0	-	27	101.8
ERIE	0	-	0	-	0	-	106	92.0
HARRISBURG	0	-	0	-	1	1.9	67	130.0
HAZLETON	1	4.0	0	-	0	-	30	118.7
JOHNSTOWN	0	-	0	-	1	3.1	26	81.7
LANCASTER	0	-	0	-	0	-	58	101.4
LEBANON	0	-	0	-	1	3.8	24	91.0
MCKEESPORT	0	-	0	-	0	-	51	187.6
MONROEVILLE	0	-	0	-	0	-	14	47.2
NEW CASTLE	0	-	0	-	0	-	36	117.5
NORRISTOWN	0	-	0	-	0	-	46	136.2
PHILADELPHIA	26	1.6	8	0.5	9	0.5	3,283	199.8
PITTSBURGH	3	0.8	3	0.8	3	0.8	468	120.8
PLUM	0	-	0	-	0	-	6	23.9
READING	0	-	1	1.3	1	1.3	156	201.0
SCRANTON	1	1.2	1	1.2	0	-	98	119.1
SHARON	0	-	0	-	0	-	21	130.0
STATE COLLEGE	0	-	0	-	0	-	14	40.8
WEST MIFFLIN	0	-	0	-	0	-	17	69.1
WILKES BARRE	0	-	1	2.1	1	2.1	38	79.4
WILLIAMSPORT	0	-	0	-	0	-	26	82.0
YORK	0	-	2	4.5	0	-	55	123.8
ALL OTHER AREAS	42	0.5	49	0.6	32	0.4	6,682	76.7

* RATE PER 100,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

1986 MARRIAGE AND DIVORCE STATISTICS

****
HIGHLIGHTS
****

MARRIAGES

In 1986, the number of marriages occurring in Pennsylvania was 87,556, a decrease of 1.8 percent from the 89,139 that occurred in 1985, and the lowest annual number of marriages occurring in the state since 1967. The rate was 7.4 per 1,000 population, again the lowest since 1967. Pennsylvania's rate has also consistently been lower than that recorded for the United States.

The largest proportion of brides continued to be in the age group 20-24 - over 37 percent of all marriages. However, since 1970, the number of marriages for women under 25 years of age has decreased by over 43.7 percent while the number for women 25-39 years of age has increased by 148 percent.

Age at marriage for grooms followed a pattern similar to that of the brides, with the numbers and rates rising dramatically over the years for those 25 years of age and over and decreasing significantly for those under 25 years of age. In fact, for the first time ever, the number and rate of marriages among males 25-29 years of age was higher than the corresponding figures for those 20-24, the age group which has traditionally held the distinction of having the largest figures among all the age groups.

The 1986 marriage rate for brides under 20 years of age was more than three times that for the grooms. However, for the age group 50 and older, the grooms' marriage rate was over 112 percent higher than the brides' rate.

Age 20-24 was the most common age group for first marriages for both women and men. However, while that age group was by far the largest among the women, only 52 marriages separated the age groups 20-24 and 25-29 among the men. The median ages of brides and grooms being married for the first time were 24.0 and 26.0, respectively.

For 73.8 percent of the brides and 72.5 percent of the grooms, the marriage occurring in Pennsylvania was a first marriage. Over 3.5 percent of the women and the men had had two or more prior marriages. Almost 29 percent of the grooms, having been married two or more times before, were 50 years of age or older. Among the brides, the comparable figure was 18.6 percent. The median age of brides who had been previously married was 34.8; for grooms previously married, the median age was 38.3.

For persons previously widowed, 61.4 percent of the women and 81.0 percent of the men were age 50 and over at the time of their remarriage. Among those previously divorced, the highest number of remarriages occurred in the age group 30-39 for men and in the age group 25-34 for women.

In 19.3 percent of all marriages, both the bride and the groom were in the age group 20-24. The second most common combination was both the bride and the groom 25-29 years of age - 13.6 percent of all marriages. In 13.3 percent of the marriages, the bride was 20-24 and the groom 25-29 years of age - the third most common combination.

Nearly all of the brides (93.5 percent) and grooms (89.5 percent) that were married in Pennsylvania in 1986 were residents of Pennsylvania.

June was the most popular month for marriages in 1986 with 10,966 marriages occurring in Pennsylvania, followed closely by May and August with 10,600 and 10,028, respectively. The least popular month was January when only 2,887 marriages took place.

Philadelphia County had the highest number of marriages - 10,014. However, the highest marriage rate per 1,000 population occurred in Sullivan County at 11.4. Another high rate occurred in Cameron County with 10.2. The lowest marriage rates in 1986 occurred in Fulton (5.4), Pike (5.5), and Franklin (5.8) counties. Although Philadelphia County had the highest number of marriages, it also had one of the lowest marriage rates in the state in 1986 - 6.1.

DIVORCES

In 1986, the number of divorces and annulments occurring in Pennsylvania was 39,875 - which represents a slight decrease compared to the 1985 figure of 40,153. The rate was 3.4 per 1,000 population, the same as it has been since 1983 and is also the second highest rate ever recorded. The number of divorces occurring in Pennsylvania during 1986 was the fifth highest ever recorded. Pennsylvania's divorce rate, however, has been consistently lower than the rate for the United States over the years 1950-1986.

Almost one half of all divorces and annulments occurred in marriages of eight years duration or less. Marriages of three, four, and five years duration had the highest numbers of divorces and annulments. Less than 17 percent of the divorces and annulments occurred in marriages of 20 years duration or longer.

The highest number of divorces and annulments occurred in Philadelphia County - 4,790. However, the highest divorce rate per 1,000 population occurred in Cameron County with a uniquely high rate of 568.7. The next highest rate of 4.5 occurred in Lycoming County. Forest County had the lowest divorce rate in the state in 1986 - 1.5. The second lowest, 1.7, occurred in Clarion County.

NOTE: Caution is advised when analyzing marriage and divorce statistics which are based on the number of events occurring in a county and may or may not reflect the county of residence of either party. See the "Reliability of Rates" section of the Technical Notes in the back of this report for more discussion of these rates.

****
LIST OF DATA TABLES AND ILLUSTRATIONS
****

MARRIAGE AND DIVORCE DATA TABLES — PAGE

TABLE D-1 MARRIAGES, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1986 187

TABLE D-2 MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1986, 1980, 1975, AND 1970 188

TABLE D-3 MARRIAGES BY AGE OF GROOM, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1986, 1980, 1975, AND 1970 188

TABLE D-4 PRIOR MARRIAGES BY AGE OF BRIDE, PENNSYLVANIA OCCURRENCES, 1986 . . 190

TABLE D-5 PRIOR MARRIAGES BY AGE OF GROOM, PENNSYLVANIA OCCURRENCES, 1986 . . 190

TABLE D-6 PREVIOUS MARITAL STATUS BY AGE OF BRIDE AND AGE OF GROOM, PENNSYLVANIA OCCURRENCES, 1986 191

TABLE D-7 ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM, PENNSYLVANIA OCCURRENCES, 1986 191

TABLE D-8 ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1986 192

TABLE D-9 ALL MARRIAGES BY MONTH, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1986 192

TABLE D-10 DIVORCES AND ANNULMENTS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1986 193

TABLE D-11 DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1986 193

TABLE D-12 MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE, NUMBER AND RATE: PENNSYLVANIA, 1986 195

MARRIAGE AND DIVORCE DATA ILLUSTRATIONS

FIGURE D-1 MARRIAGE RATES: PENNSYLVANIA AND UNITED STATES, 1950-1986 187

FIGURE D-2 MARRIAGE RATES BY AGE OF BRIDE AND AGE OF GROOM: PENNSYLVANIA, 1986 189

FIGURE D-3 DIVORCE RATES: PENNSYLVANIA AND UNITED STATES, 1950-1986 194

TABLE D-1
MARRIAGES, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1986

YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE	YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE
1986	87,558	7.4	2,400,000**	10.0	1966	81,337	7.0	1,857,000	9.5
1985	89,139	7.5	2,425,000**	10.2	1965	80,187	7.0	1,800,000	9.3
1984	91,610	7.7	2,477,192**	10.5	1964	76,660	6.7	1,725,000	9.0
1983	92,095	7.7	2,445,604	10.5	1963	72,024	6.3	1,654,000	8.8
1982	93,350	7.9	2,456,278	10.6	1962	68,916	6.1	1,577,000	8.5
1981	92,644	7.8	2,422,145	10.6	1961	69,617	6.1	1,548,000	8.5
1980	93,673	7.9	2,390,252	10.6	1960	71,835	6.3	1,523,000	8.5
1979	93,677	7.9	2,331,337	10.4	1959	71,719	6.3	1,494,000	8.5
1978	92,682	7.9	2,282,272	10.3	1958	67,203	6.1	1,451,000	8.4
1977	90,842	7.7	2,178,367	9.9	1957	75,208	6.7	1,518,000	8.9
1976	90,442	7.6	2,154,807	9.9	1956	77,682	7.0	1,585,000	9.5
1975	91,665	7.7	2,152,662	10.0	1955	77,543	7.0	1,531,000	9.3
1974	96,663	8.2	2,229,667	10.5	1954	72,934	6.7	1,490,000	9.2
1973	101,076	8.5	2,284,108	10.8	1953	80,316	7.4	1,546,000	9.8
1972	98,496	8.3	2,282,154	10.9	1952	78,946	7.4	1,539,318	9.9
1971	94,663	8.0	2,190,481	10.6	1951	84,878	8.0	1,594,694	10.4
1970	94,516	8.0	2,158,802	10.6	1950	89,669	8.5	1,667,231	11.1
1969	94,861	8.0	2,145,000	10.6					
1968	91,947	7.8	2,069,000	10.4					
1967	85,508	7.3	1,927,000	9.7					

* RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

FIGURE D-1
MARRIAGE RATES
PENNSYLVANIA AND UNITED STATES, 1950-1986

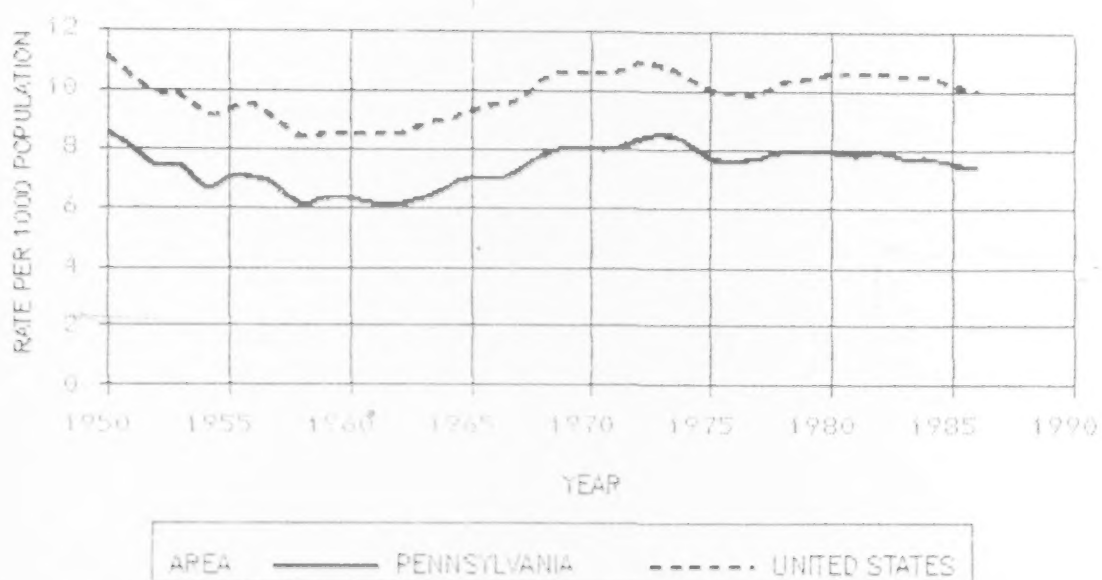


TABLE D-2
MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE*:
PENNSYLVANIA OCCURRENCES, 1986, 1980, 1975, AND 1970

AGE OF BRIDE (IN YEARS)	1986		1980		1975		1970	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	87,558	14.1	93,673	15.2	91,665	14.9	94,516	20.7
UNDER 20	7,512	16.6	14,330	26.8	21,207	37.4	22,323	41.5
20-24**	32,424	66.2	41,886	78.0	41,769	78.7	48,631	106.4
25-29	23,212	45.7	19,150	40.2	13,597	30.1	10,265	28.3
30-34	10,847	22.7	7,813	18.1	5,076	14.2	3,568	11.3
35-39	5,634	13.0	3,640	10.4	2,681	8.6	2,174	6.7
40-44	2,987	8.2	2,095	6.8	1,860	5.8	2,021	5.2
45-49	1,747	5.6	1,426	4.6	1,717	4.6	1,714	4.2
50 & OVER	3,195	1.6	3,333	1.7	3,758	2.0	3,820	2.1

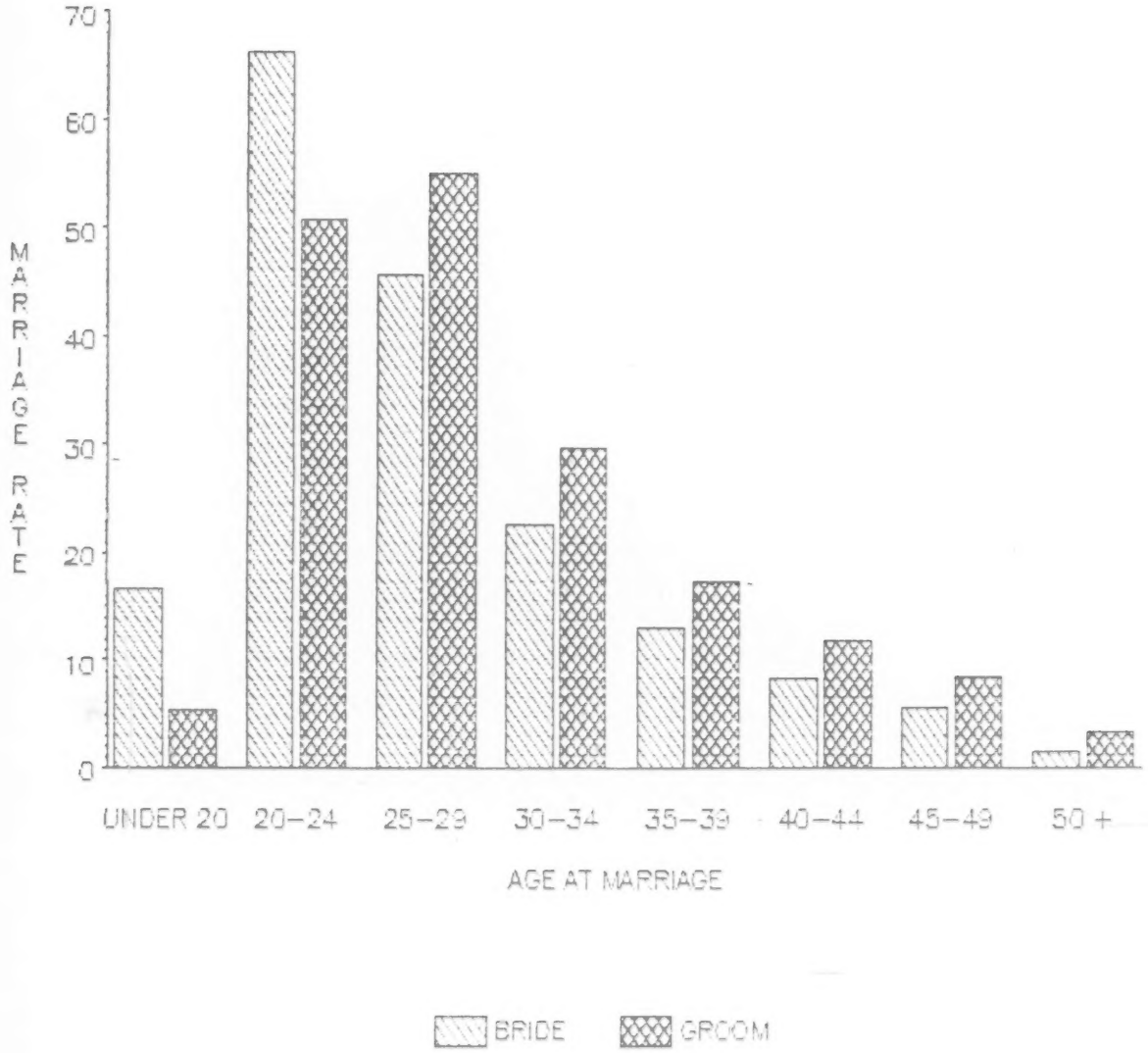
* RATE PER 1,000 FEMALE POPULATION.
**BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE D-3
MARRIAGES BY AGE OF GROOM, NUMBER AND RATE*:
PENNSYLVANIA OCCURRENCES, 1986, 1980, 1975, AND 1970

AGE OF GROOM (IN YEARS)	1986		1980		1975		1970	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	87,558	15.4	93,673	16.5	91,665	16.2	94,516	23.4
UNDER 20	2,417	5.3	4,893	9.0	8,269	14.1	9,083	16.9
20-24**	24,989	50.8	36,931	70.6	41,079	77.7	48,757	123.4
25-29	27,504	55.0	25,582	54.6	21,027	54.3	18,083	52.7
30-34	13,702	29.6	10,995	26.4	7,391	22.0	5,735	19.5
35-39	7,205	17.4	5,028	15.2	3,664	12.8	3,055	10.2
40-44	4,078	11.9	2,952	10.4	2,559	8.7	2,464	6.9
45-49	2,455	8.6	2,013	7.0	2,171	6.3	2,052	5.5
50 & OVER	5,208	3.4	5,279	3.4	5,505	3.7	5,287	3.6

* RATE PER 1,000 MALE POPULATION.
**GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

FIGURE D-2
MARRIAGE RATES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA, 1986



NOTE: MARRIAGE RATE OF GROOM PER 1,000 MALE POPULATION FOR EACH AGE GROUP.
MARRIAGE RATE OF BRIDE PER 1,000 FEMALE POPULATION FOR EACH AGE GROUP.

TABLE D-4
PRIOR MARRIAGES BY AGE OF BRIDE
PENNSYLVANIA OCCURRENCES, 1986

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	87,558	64,589	19,821	2,710	382	56
UNDER 15	7	7	0	0	0	0
15-19	7,505	7,461	42	1	0	1
20-24	32,321	30,843	1,437	37	1	3
25-29	23,212	18,504	4,441	233	14	20
30-34	10,847	5,341	4,855	583	62	6
35-39	5,634	1,434	3,483	608	97	12
40-44	2,987	437	2,006	458	81	5
45-49	1,747	195	1,210	287	53	2
50 & OVER	3,195	289	2,325	502	73	6
UNKNOWN	103	78	22	1	1	1

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

TABLE D-5
PRIOR MARRIAGES BY AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1986

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	87,558	63,505	20,713	2,866	403	71
UNDER 15	1	1	0	0	0	0
15-19	2,416	2,413	3	0	0	0
20-24	24,904	24,372	524	5	0	3
25-29	27,504	24,320	3,064	104	4	12
30-34	13,702	8,572	4,686	394	30	20
35-39	7,205	2,395	4,134	596	68	12
40-44	4,078	665	2,745	562	94	12
45-49	2,455	287	1,700	392	72	4
50 & OVER	5,208	425	3,832	809	134	8
UNKNOWN	85	55	25	4	1	0

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

TABLE D-6
PREVIOUS MARITAL STATUS BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1986

AGE GROUP (IN YEARS)	ALL MARRIAGES*		NEVER MARRIED		WIDOWED		DIVORCED	
	BRIDES	GROOMS	BRIDES	GROOMS	BRIDES	GROOMS	BRIDES	GROOMS
ALL AGES	87,558	87,558	64,589	63,505	2,646	2,660	20,288	21,353
UNDER 20	7,512	2,417	7,468	2,414	1	0	43	3
20-24	32,321	24,904	30,843	24,372	38	7	1,435	524
25-29	23,212	27,504	18,504	24,320	117	38	4,583	3,138
30-34	10,847	13,702	5,341	8,572	154	68	5,345	5,055
35-39	5,634	7,205	1,434	2,395	203	97	3,992	4,705
40-44	2,987	4,078	437	665	245	136	2,301	3,272
45-49	1,747	2,455	195	287	258	152	1,294	2,013
50-59	1,784	2,738	190	270	608	579	982	1,884
60-69	1,010	1,656	73	125	689	901	246	629
70+	401	814	26	30	328	675	47	109
UNKNOWN	103	85	78	55	5	7	20	21

* TOTAL INCLUDES UNKNOWN PREVIOUS MARITAL STATUS.

TABLE D-7
ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1986

AGE OF GROOM (IN YEARS)	ALL AGES	AGE OF BRIDE (IN YEARS)										
		UNDER 20	20-24	25-29	30-34	35-39	40-44	45-49	50-59	60-69	70+	UNKNOWN
ALL AGES	87,558	7,512	32,321	23,212	10,847	5,634	2,987	1,747	1,784	1,010	401	103
UNDER 20	2,417	1,759	580	49	12	9	1	0	0	0	0	7
20-24	24,904	4,662	16,862	2,691	500	133	21	6	2	2	0	25
25-29	27,504	865	11,612	11,912	2,404	551	99	24	8	1	0	28
30-34	13,702	162	2,366	5,777	3,903	1,139	250	70	12	0	0	23
35-39	7,205	37	623	1,858	2,355	1,651	517	124	30	3	1	6
40-44	4,078	15	174	600	1,003	1,118	788	283	89	2	1	5
45-49	2,455	6	47	198	417	584	607	422	160	13	1	0
50-59	2,738	2	22	98	200	376	561	597	771	106	5	0
60-69	1,656	0	9	12	37	65	128	187	583	553	81	1
70+	814	0	1	2	2	6	11	33	125	328	305	1
UNKNOWN	85	4	25	15	14	2	4	1	4	2	7	7

TABLE D-8
ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM,
NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1986

RESIDENCE	BRIDE		GROOM	
	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	87,558*	100.0	87,558**	100.0
PENNSYLVANIA	81,884	93.5	78,323	89.5
ALL OTHER STATES	5,622	6.4	9,144	10.4
TERRITORIES AND POSSESSIONS	0	0.0	3	0.0
FOREIGN COUNTRIES	49	0.1	85	0.1

* TOTAL INCLUDES THREE BRIDES WHOSE RESIDENCES WERE NOT INDICATED.
**TOTAL INCLUDES THREE GROOMS WHOSE RESIDENCES WERE NOT INDICATED.

TABLE D-9
ALL MARRIAGES BY MONTH, NUMBER AND PERCENT:
PENNSYLVANIA OCCURRENCES, 1986

MONTH OF MARRIAGE	NUMBER	PERCENT
ALL MONTHS	87,558	100.0
JANUARY	2,887	3.3
FEBRUARY	4,068	4.6
MARCH	4,089	4.7
APRIL	6,648	7.6
MAY	10,600	12.1
JUNE	10,966	12.5
JULY	7,129	8.1
AUGUST	10,028	11.5
SEPTEMBER	9,968	11.4
OCTOBER	9,377	10.7
NOVEMBER	7,078	8.1
DECEMBER	4,720	5.4

TABLE D-10
DIVORCES AND ANNULMENTS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1986

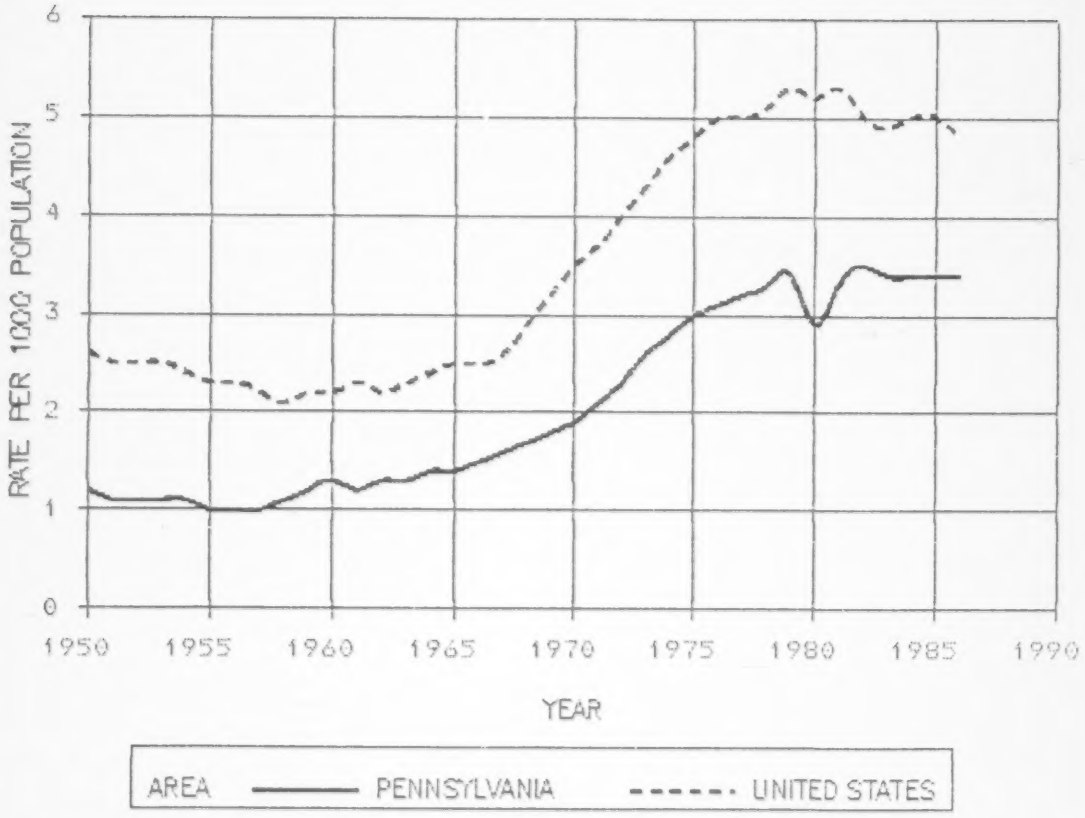
YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE	YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE
1986	39,875	3.4	1,159,000**	4.8	1966	16,940	1.5	499,000	2.5
1985	40,153	3.4	1,190,000**	5.0	1965	16,578	1.4	479,000	2.5
1984	40,375	3.4	1,169,000**	5.0	1964	16,139	1.4	450,000	2.4
1983	40,150	3.4	1,158,000	4.9	1963	14,789	1.3	428,000	2.3
1982	41,280	3.5	1,170,000	5.0	1962	14,316	1.3	413,000	2.2
1981	38,842	3.3	1,213,000	5.3	1961	13,606	1.2	414,000	2.3
1980	34,922	2.9	1,189,000	5.2	1960	14,429	1.3	393,000	2.2
1979	39,808	3.4	1,181,000	5.3	1959	13,891	1.2	395,000	2.2
1978	38,261	3.3	1,130,000	5.1	1958	12,243	1.1	368,000	2.1
1977	37,868	3.2	1,091,000	5.0	1957	11,651	1.0	381,000	2.2
1976	36,531	3.1	1,083,000	5.0	1956	11,480	1.0	382,000	2.3
1975	34,955	3.0	1,036,000	4.8	1955	11,103	1.0	377,000	2.3
1974	32,899	2.8	977,000	4.6	1954	11,711	1.1	379,000	2.4
1973	31,005	2.6	915,000	4.3	1953	12,121	1.1	390,000	2.5
1972	27,501	2.3	845,000	4.0	1952	11,905	1.1	392,000	2.5
1971	25,110	2.1	773,000	3.7	1951	11,743	1.1	381,000	2.5
1970	22,622	1.9	708,000	3.5	1950	12,096	1.2	385,144	2.6
1969	21,580	1.8	639,000	3.2					
1968	20,326	1.7	584,000	2.9					
1967	18,668	1.6	523,000	2.6					

* RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

TABLE D-11
DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE,
NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1986

DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT	DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT
TOTAL	39,875	100.0			
UNDER 1	153	0.4	13	1,269	3.2
			14	1,220	3.1
1	1,250	3.1	15	1,118	2.8
2	2,394	6.0	16	1,038	2.6
3	2,703	6.8			
4	2,915	7.3	17	947	2.4
			18	926	2.3
5	2,807	7.0	19	752	1.9
6	2,621	6.6	20-24	3,083	7.7
7	2,364	5.9			
8	1,990	5.0	25-29	1,739	4.4
			30-34	982	2.5
9	1,759	4.4	35-39	485	1.2
10	1,672	4.2	OVER 39	331	0.8
11	1,407	3.5			
12	1,407	3.5	NOT STATED	543	1.4

FIGURE D–3
DIVORCE RATES
PENNSYLVANIA AND UNITED STATES, 1950–1986



NOTE: ANNULMENTS ARE INCLUDED IN DIVORCE RATES.

TABLE D-12
MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE
NUMBER AND RATE*: PENNSYLVANIA, 1986

COUNTY	MARRIAGES		DIVORCES	
	NUMBER**	RATE	NUMBER	RATE
ALL COUNTIES	87,558	7.4	39,875	3.4
ADAMS	491	6.9	222	3.1
ALLEGHENY	9,722	7.1	3,962	2.9
ARMSTRONG	571	7.3	192	2.4
BEAVER	1,189	6.2	525	2.7
BEDFORD	307	6.4	157	3.3
BERKS	2,397	7.5	1,032	3.2
BLAIR	915	6.9	440	3.3
BRADFORD	503	7.8	233	3.6
BUCKS	3,927	7.5	1,735	3.3
BUTLER	1,074	7.1	462	3.1
CAMBRIA	1,219	7.0	414	2.4
CAMERON	66	10.2	3,694	568.7
CARBON	391	7.2	126	2.3
CENTRE	853	7.4	309	2.7
CHESTER	2,376	7.0	1,109	3.3
CLARION	327	7.7	71	1.7
CLEARFIELD	620	7.6	246	3.0
CLINTON	323	8.5	96	2.5
COLUMBIA	484	7.9	234	3.8
CRAWFORD	676	7.8	277	3.2
CUMBERLAND	1,548	8.2	758	4.0
DAUPHIN	1,902	8.0	799	3.4
DELAWARE	5,184	9.2	1,421	2.5
ELK	269	7.2	94	2.5
ERIE	2,240	8.0	1,020	3.7
FAYETTE	1,018	6.5	489	3.1
FOREST	37	7.7	7	1.5
FRANKLIN	685	5.8	445	3.7
FULTON	76	5.4	46	3.3
GREENE	269	6.6	170	4.2
HUNTINGDON	343	8.0	148	3.4
INDIANA	561	6.1	220	2.4
JEFFERSON	400	8.3	166	3.4
JUNIATA	145	7.3	61	3.1
LACKAWANNA	1,666	7.5	543	2.4
LANCASTER	3,061	7.8	1,250	3.2
LAWRENCE	941	9.2	342	3.4
LEBANON	872	7.8	410	3.7
LEHIGH	2,175	7.7	970	3.4
LUZERNE	2,233	6.7	825	2.5
LYCOMING	1,019	8.8	520	4.5
MCKEAN	388	8.2	135	2.9
MERCER	991	8.0	383	3.1
MIFFLIN	357	7.7	152	3.3
MONROE	726	8.8	242	2.9
MONTGOMERY	5,734	8.5	1,886	2.8
MONTOUR	150	9.0	51	3.1
NORTHAMPTON	1,950	8.3	838	3.6
NORTHUMBERLAND	737	7.4	317	3.2
PERRY	268	6.9	121	3.1
PHILADELPHIA	10,014	6.1	4,790	2.9
PIKE	123	5.5	47	2.1
POTTER	123	6.7	43	2.3
SCHUYLKILL	1,079	6.9	362	2.3
SNYDER	291	8.2	100	2.8
SOMERSET	552	6.8	247	3.1
SULLIVAN	72	11.4	13	2.1
SUSQUEHANNA	304	7.6	113	2.8
TIOGA	364	9.0	161	4.0
UNION	295	8.5	106	3.1
VENANGO	503	8.1	184	3.0
WARREN	400	8.6	105	2.3
WASHINGTON	1,469	6.9	672	3.2
WAYNE	340	8.8	115	3.0
WESTMORELAND	2,731	7.2	960	2.5
WYOMING	208	7.5	99	3.6
YORK	2,292	7.0	1,393	4.3

* RATE PER 1,000 ESTIMATED 1986 POPULATION FOR EACH SPECIFIED COUNTY.
**TOTAL MARRIAGES INCLUDE 22 UNKNOWN COUNTY OF OCCURRENCE.

TECHNICAL NOTES

****
TECHNICAL NOTES
****

A. SOURCES OF DATA

1. Births, Deaths and Fetal Deaths:

Birth, death and fetal death certificates are the source documents for data on vital events to Pennsylvania residents during the 1986 calendar year. A copy of each of these types of certificates is included as Figures I, II and III.

The cut-off date for 1986 data in this report was March 1, 1987. Any data pertaining to a 1986 event for which a certificate was filed after March 1, 1987, are not included in this report. It is possible that data obtained from the State Health Data Center may differ slightly from that which appear in this report. If this should occur, it is due to an update to the 1986 data year which was made after the March 1 deadline for this report.

Births and deatns relating to Pennsylvania residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death certificates are usually completed by hospital personnel present at the delivery. Death certificates are usually completed by hospital personnel, physicians, and funeral directors. (See Appendix A for more detailed information on vital events registration in Pennsylvania.)

2. Marriages and Divorces:

Each of the 67 counties in Pennsylvania is responsible for collecting, processing, and maintaining marriage and divorce records. Copies of these records are forwarded to the Department of Health only for the purpose of data processing selected items in order to report aggregate statistics as contained in this report. The cut-off date for 1986 data in this report was March 1, 1987. (See Appendix A for more detailed information on vital events registration in Pennsylvania.)

3. Population Estimates:

The estimates of state and county population used in this report are based on the estimates of the July 1, 1986 population which were produced jointly by the Census Bureau and the State Data Center of the Pennsylvania State University at Harrisburg under the Federal-State Cooperative Program for Local Population Estimates. The estimates will be published by the Bureau of the Census in Current Population Reports, Series P-26. They were generated by a combination of a component procedure which uses administrative records and a regression method. Because the state and county totals were used as controls for age by sex by race detail, they differ from the published numbers by a rounding error.

The estimates of state and county total populations for earlier years have been revised by the Census Bureau from time to time. Those used in the computation of multiple year summary rates are the most recent available at the print date for this publication. However, the tabulation of historical populations printed in this publication preserves the total populations used in earlier publications.

The estimates of population by age, sex, and race used in this report are based upon the population counted in the 1980 census, as released on a computer tape having race categories consistent with those mandated by the U.S. Office of Management and Budget. These counts were survived to the July 1, 1986 date, using Pennsylvania resident birth and death records adjusted for net migration and for agreement with medicare enrollments and controlled to the county total.

The estimates of total municipal population used in this publication are based on 1986 revenue-sharing estimates, controlled to the county total.

B. DATA QUALITY

1. Query and Field Programs:

The quality of birth and death data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates. The State Health Data Center works to ensure that the information received is as complete and accurate as possible, and maintains two major program operations related to improving the quality of information received on birth and death certificates - the query and field programs.

The query program is a system used to follow-back with hospital personnel, funeral directors, and/or physicians concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and a computer editing procedure.

The field program attempts to improve birth, death, and fetal death certificate information by educating the participants in the vital registration system, i.e., hospital personnel, funeral directors, physicians, etc., of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars with various associations representing the types of individuals listed above.

In addition to regularly scheduled seminars, the field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data on birth and death certificates. A 0.4 percent sample of birth records and a 0.5 percent sample of death records coded and submitted monthly by the state are used as a quality control mechanism by NCHS. NCHS codes these sample records independently and then conducts an item-by-item computer match of codes entered by the state and NCHS. NCHS has established a two percent upper limit for coding difference involving any one data item of these sample records, with the exception of cause of death. A five percent limit is established for that item due to the complexity of the coding process.

2. **Fetal Deaths:**

In terms of the completeness of the data collected, the reporting of deaths and live births is considered to be nearly complete (99 percent or greater). However, in Pennsylvania, fetal deaths under sixteen weeks gestation are not required to be reported.

According to a recent study* of the estimated number of total pregnancies for the United States, prepared by NCHS, the distribution of live births, fetal deaths, and induced abortions is as indicated in the chart below. The distribution of the Pennsylvania reported pregnancies is also shown.

	U.S. Estimated Total Pregnancies 1981	Pennsylvania Reported Pregnancies 1982-1986
Live Births	60.9%	74.1%
Fetal Deaths	12.6%	0.9%
Induced Abortions	26.5%	25.0%

It is apparent that there are a very large number of fetal deaths (probably in excess of 90 percent) not reported or included in this publication, mainly due to the exclusion of those under sixteen weeks gestation. Also, there may be serious underreporting at about sixteen weeks gestation and a smaller undercount at later gestational ages.

3. **Congenital Anomalies/Birth Defects:**

When reviewing statistics on congenital anomalies reported at birth in this publication, please note that historical and recent studies have verified the underreporting of congenital anomalies on birth certificates, especially among defects that are not easily diagnosed at the time of birth.

According to recent information collected via the "Metropolitan Atlanta Congenital Anomalies/Defects Program" as operated by the Birth Defects Branch, Chronic Disease Division, Center for Environmental Health, Centers for Disease Control, approximately 3.0 percent of all live births result in the occurrence of a congenital anomaly. In Pennsylvania during 1986, only 0.8 percent of all resident live births had a congenital anomaly or birth defect reported on the certificate of live birth.

---

* "Estimates of Pregnancies and Pregnancy Rates for the United States, 1976-81"; Ventura, Taffel and Mosher; Public Health Reports, Jan.-Feb. 1985, Vol. 100 No. 1, pp. 31-33.

C. GEOGRAPHY

1. Allocation:

In Pennsylvania's registration program, vital events are classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county in which the birth or death took place. The second and more customary way is by place of residence, i.e., the state, county and minor civil division stated to be the usual residence of the decedent in the case of death or of the mother in the case of a newborn. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are to be classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and some statistical significance, residence statistics are by far more useful in determining health indices for planning and evaluation purposes. The natality and mortality statistics provided in this report are residence data; however, the marriage and divorce statistics are occurrence data. This is due to the fact that two separate residences are usually involved in a marriage and a divorce and there are no accepted, standard procedures for determining residency in these events.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses very often differ from the actual geographic residence. Where the mailing address is a rural delivery number or when an unincorporated place is given as the place of residence, it may be impossible to allocate the event to a specific township or the correct minor civil division, if this information is not supplied. How often incorrect information on residence is recorded is not known, but it is generally due to lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant. This problem is applicable generally only to minor civil division level data. Resident counts for the state as a whole are, for all practical purposes, very accurate. County resident figures are substantially correct and can be used with a high degree of confidence.

2. Criteria for Municipality Selection:

Tables A-5, B-26, B-27, B-28, B-29, B-30, B-31, C-29, C-30, C-31, C-32, and C-33 show statistics for selected municipalities in the State. These municipalities include those cities or boroughs with a 1980 enumerated population of 25,000 or more. Sharon, which had a 1980 population of 19,057, was also included due to its designation in 1980 as an SMSA (Standard Metropolitan Statistical Area). Philadelphia is a city/county. It has been included in both county and municipality tables for the user's convenience.

D. DEFINITIONS OF TERMS

1. Natality:

APGAR SCORE - Named after Virginia Apgar, M.D., the Apgar Score is an international code for the clinical evaluation of an infant one minute and five minutes after birth. A score of 0, 1, or 2 is assigned to each of the following objective signs - heart rate, respiratory effort, muscle tone, reflex irritability and color. Thus, the total Apgar Score ranges from a low of 0 to a high of 10. In general, a score of 8-10 is considered satisfactory, 4-7 indicates a need for careful observation and possible concern since the infant is moderately depressed, and 0-3 serves as an alert for possible emergency procedures and raises some doubts about survival since the infant is severely depressed.

BIRTH WEIGHT - The first weight of the fetus or newborn obtained after birth. This weight should be measured preferably within the first hour of life before significant postnatal weight loss has occurred.

LOW BIRTH WEIGHT - A birth weight under 2500 grams or 5 pounds, 9 ounces.

VERY LOW BIRTH WEIGHT - A birth weight under 1500 grams or 3 pounds, 5 ounces.

LIVE BIRTH - According to Pennsylvania law, is the expulsion or extraction from its mother of a product of conception, irrespective of the period of gestation, which shows any evidence of life at any moment after such expulsion or extraction.

LIVE BIRTH ORDER - An expression used to indicate the numeric relationship of a child to others live-born to that mother.

2. Mortality:

CAUSE OF DEATH - Deaths, by cause, are classified according to the International Classification of Diseases, Ninth Revision, of the World Health Organization.

UNDERLYING CAUSE OF DEATH - The underlying cause of death is either the disease or injury which initiated the train of events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

FETAL DEATH - Defined by law in Pennsylvania as the expulsion or extraction from its mother of a product of conception after 16 weeks gestation, which shows no evidence of life after such expulsion or extraction.

INFANT DEATH - Death of an infant under 1 year of age.

NEONATAL DEATH - An infant death occurring within the first 27 days of life.

POSTNEONATAL DEATH - An infant death occurring at one month to 364 days of age.

MATERNAL DEATH - The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

MEDIAN AGE - The age that falls exactly in the middle of the entire range of ages ranked in order from low to high such that 50% of the ages fall above it and 50% fall below it. If the number of ages is even, a value halfway between the two ages nearest the middle is used.

3. Geographic Allocation:

RESIDENT DATA - Data compiled as to the usual residence without regard to the geographical place where the event occurred. For births, fetal deaths and infant deaths (in cases where the child was never discharged from the hospital), the mother's usual residence is used as the place of residence.

OCCURRENCE DATA - Data compiled as to the geographical place the event occurred without regard to the actual residence. Marriage and divorce data are the only occurrence data appearing in this report.

4. Birth Weight in Grams:

In order to provide data comparable to that published for the United States and other countries, birth weight is reported in grams. However, not all facilities in Pennsylvania record birth weight in grams and, in order to collect complete data, providers are given the opportunity to report either pounds and ounces or grams on the Pennsylvania live birth certificate.

In tabulating and presenting the natality statistics for this report, birth weights reported in pounds and ounces are converted to grams. The equivalent of the gram intervals in pounds and ounces are as follows:

499 grams or less	=	1 lb. 1 oz. or less
500 - 999 grams	=	1 lb. 2 ozs. - 2 lbs. 3 ozs.
1,000 - 1,499 grams	=	2 lbs. 4 ozs. - 3 lbs. 4 ozs.
1,500 - 1,999 grams	=	3 lbs. 5 ozs. - 4 lbs. 6 ozs.
2,000 - 2,499 grams	=	4 lbs. 7 ozs. - 5 lbs. 8 ozs.
2,500 - 2,999 grams	=	5 lbs. 9 ozs. - 6 lbs. 9 ozs.
3,000 - 3,499 grams	=	6 lbs.10 ozs. - 7 lbs. 11 ozs.
3,500 - 3,999 grams	=	7 lbs.12 ozs. - 8 lbs. 12 ozs.
4,000 - 4,499 grams	=	8 lbs.13 ozs. - 9 lbs. 14 ozs.
4,500 - 4,999 grams	=	9 lbs.15 ozs. - 11 lbs. 0 ozs.
5,000 grams or more	=	11 lbs. 1 oz. or more

E. RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years and between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions, and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a probability of living or dying, i.e., a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specific time. All of the rates defined on the following page are computed for a period covering one year except for the five-year summary and age-adjusted rates.

1. Definitions of Rates:

CRUDE BIRTH RATE: Number of live births per 1,000 population.

AGE-SPECIFIC BIRTH RATE: Number of live births to mothers in a specified age group per 1,000 females in the same age group.

GENERAL FERTILITY RATE: Number of live births per 1,000 females in the population 15-44 years old.

FETAL DEATH RATE: Fetal deaths of gestation 16 weeks and over, per 1,000 deliveries. The number of deliveries consists of live births plus fetal deaths.

NEONATAL DEATH RATE: Number of infants dying under 28 days of age per 1,000 live births.

POSTNEONATAL DEATH RATE: Number of infants dying at 28 to 364 days of age per 1,000 live births.

INFANT DEATH RATE: Deaths under one year of age per 1,000 live births.

CRUDE DEATH RATE: Number of deaths per 1,000 population.

AGE-SPECIFIC DEATH RATE: Number of deaths for a specified age group per 1,000 population in the same age group.

RACE-SPECIFIC DEATH RATE: Number of deaths for a specified racial group per 1,000 population in the same racial group.

AGE-ADJUSTED DEATH RATE (Direct Method): Age-specific death rates for a selected population are applied to a standard population in order to calculate what rate would be expected if the selected population had the same age distribution as the standard. The total of expected deaths divided by the total of the standard population and multiplied by 1,000 (or 100,000 for cause-specific rates) yields the age-adjusted death rate per 1,000 or 100,000. (It is important to use the same standard population in the computation of each age-adjusted rate to achieve comparability. Age-adjusted death rates should never be compared with any other type of death rate or be used as absolute measurements of mortality.)

CAUSE-SPECIFIC DEATH RATE: Number of deaths from a specific cause per 100,000 population.

MATERNAL DEATH RATE: Number of deaths from complications of pregnancy, childbirth, and the puerperium per 10,000 live births.

TOTAL FERTILITY RATE: The sum of the age-specific birth rates of women in five-year age groups multiplied by five. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect for a particular time. The total fertility rate or TFR can be used as an estimate of the fertility growth factor in a population, e.g. whether the childbearing population is replacing itself or not. A TFR of 2,000 or above indicates that, on the average, couples are producing at least two children to replace themselves. When the TFR exceeds 2,000 for an extended period, the next generation of childbearing age will probably be larger than the present population of that age if all other factors affecting the population, such as death rates and migration, remain constant. Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level. The TFR is not meant to be used as an absolute measure of population trends, but can be helpful in understanding and analyzing them. There are many other factors to consider when determining population trends, such as crude birth rates, death rates, and migration patterns. In fact, it would take several generations of a childbearing population maintaining a replacement level to just stabilize a specific population, again given that other factors, mainly age-specific death rates, also were maintained.

FIVE-YEAR SUMMARY RATE: The total number of vital events (births, deaths, etc.) that took place during the five years specified per 1,000 total population for the same five-year period. (See Section A.3. for further discussion of the population estimates used to compute the summary rates that appear in this report.)

2. Reliability of Rates:

Precautions should always be taken when comparing any rates based on vital events and population, especially crude rates. Both the size of the numbers and the characteristics of the population are important indicators of a rate's real value.

All statistics are subject to chance variation. Rates based on an unusually small or large number of events over a specified period of time or for a sparsely populated geographic area should be of particular concern and caution.

As an example of this problem, let us look at infant deaths as reported in 1986 for residents of Forest County, the least populated county in the State. There were only two infant deaths but those deaths were enough to give Forest County an infant death rate of 36.4 per 1,000 resident live births in 1986 and the distinction of having, by far, the highest infant death rate that year in the state among all counties. This is the chance result of two deaths having enormous significance when statistically applied to the small amount of births to the few residents of that county. Any statement regarding the unusually high 1986 infant death rate in Forest County could be quite misleading. When small events or populations are evident in calculating/studying rates, multiple year rates (usually 5 or 10 year summary rates) will sometimes provide a much better perspective or measurement of an outcome. For instance, if you calculate a five year (1982-86) infant death rate for Forest County, you will get a rate of 14.5 per 1,000 resident live births, a considerably lower and more accurate measurement of infant mortality in Forest County. Expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding Forest County's 1986 infant death rate.

A multiple year rate may also help substantiate what you at first considered an artifically high or low incidence for one year. Consider the 1986 divorce rate of 2.1 per 1,000 population in Sullivan County, one of the lowest rates in the state. The state rate was 3.4. A summary five-year (1982-86) divorce rate for Sullivan County was even lower - 1.8 per 1,000 population. In 1986, another rural county, Cameron, had an incredible rate of 568.7. A five year (1982-86) divorce rate for Cameron gives you a somewhat lower but still impressive 455.4. What do these widely varied rates mean? Are residents of Cameron County over 250 times more likely to get a divorce than residents of Sullivan County? No, of course not; the problem here is that divorce (and marriage) statistics are occurrence data, i.e., the rates are computed by dividing the number of divorces (or marriages) occurring in the county by the population residing in the county. Before one could reach any conclusions, you would have to investigate local factors that could influence the number of marriages and divorces occurring in a county.

There are many characteristics of a population that can also render a crude rate of little use. Any unique demographic factors such as those related to age, sex and race are not accounted for in crude rates. One prime Pennsylvania example is Centre County. Because Penn State's major campus with over 35,000 students is located in this rural county, the median age is usually the lowest in the state; so is the crude death rate. However, rates can be adjusted or calculated to more specific groups within a population. When all county rates are adjusted for age, Centre County usually appears closer to the middle of these rates. Age, sex or race adjusted and specific rates can offer a more refined measurement to compare vital event experiences over geographic areas or time periods. However, again there are limitations to their use and one should be very familiar with these rates before attempting their use.

F. Selected Causes of Death

In Tables C-8, C-9, C-10A thru C-10E, C-11A thru C-11E, C-12, C-28, and C-33, various causes of death are indicated. These selected causes of death and the corresponding ICD-9 cause of death codes are listed on the following page. The more specific causes for heart disease and malignant neoplasms that appear in Tables C-28 and C-33 are defined by ICD-9 codes in footnotes following Tables C-16B and C-17C.

Please note that "Chronic Obstructive Pulmonary Disease" appears as a relatively new category. Medical certifiers have been using the term more often on certificates since the 1970's. The National Center for Health Statistics and many states have incorporated this category into their mortality reports for several years now. Therefore, for comparability reasons alone, it is important to include this category among leading causes of death. The category includes bronchitis, emphysema, asthma and allied conditions. Please note, however, that due to International Classification of Disease revisions used for coding causes of death, data on this new category are not comparably available prior to 1979, when the last revision occurred. Also, the category, "Cerebrovascular Disease," was named "Vascular Lesions Affecting Central Nervous System" prior to 1968.

CAUSE OF DEATH	ICD CODE(S):
Heart Disease	390-398,402, 404-429
Malignant Neoplasms	140-208
Cerebrovascular Disease	430-438
Accidents, All Forms	E800-E807, E810-E949
Motor Vehicle	E810-E825
Non-Motor Vehicle	E800-E807, E826-E949
Chronic Obstructive Pulmonary Disease	490-496
Diabetes Mellitus	250
Pneumonia and Influenza	480-487
Atherosclerosis	440
Liver Disease and Cirrhosis	571
Suicide	E950-E959
Perinatal Conditions	760-779
Nephritis, Nephrosis, etc.	580-589
Aortic Aneurysm	441
Pneumoconiosis	500-505
Homicide and Legal Intervention	E960-E978
Congenital Anomalies	740-759
Septicemia	038
Benign and Unspecified Neoplasms	210-239
Hypertension	401,403
Ulcers of Stomach and Duodenum	531-533
Hernia and Intestinal Obstruction	550-553,560
Parkinson's Disease	332
Anemias	280-285
Disease of Pancreas	577
Venous Embolism and Thrombosis	451-453
Gall Bladder Disorders	574-575
Alcoholism	303
Infections of Kidney	590
Tuberculosis	010-018
Nutritional Deficiencies	260-269
Multiple Sclerosis	340
Epilepsy	345
Meningitis	320-322

G. Multiple Causes of Death

Traditionally, aggregate mortality statistics have been based on a tabulation of deaths, with one underlying cause assigned for each death. However, the medical certifier is required to report on a death certificate the immediate cause of death, the antecedent conditions which gave rise to the immediate cause, the underlying cause, and any other significant conditions contributing to death that are not related to any previously stated causes on the certificate (see Figure II). In the last few years, an ever increasing demand for more comprehensive mortality data coupled with advances in computer technology resulted in the development of the Automated Classification of Medical Entities (ACME) system by the National Center for Health Statistics.

The principal objective of this system is to provide full medical information from death certificates by assigning the traditional underlying cause as well as tabulating multiple causes from all medical conditions listed on the certificate by the certifier, through automated application of the internationally recognized classification of diseases. The result is multiple cause data made available on computer tape by means of a system of computer programs furnished by the National Center for Health Statistics. Pennsylvania has such a system and the State Health Data Center has begun accessing these files and producing some very interesting and, hopefully, more valuable nosologic information.

The multiple causes of death information are coded on computer tapes in two formats, record axis and entity axis. Entity codes identify the conditions causing or contributing to death, together with their position as they were entered in the cause of death section of the death certificate. Record axis codes, on the other hand, reflect the application of a uniform set of rules to the entity codes, to eliminate redundancies and internal inconsistencies, and to substitute the preferred code for a given combination of conditions. Use of the entity codes is necessary to study the temporal and causal relationships among the conditions associated with a given set of deaths. Use of the record axis codes, however, is necessary if the conditions associated with death are to be aggregated and tabulated on a uniform basis. Please contact the State Health Data Center if you are interested in more information about multiple causes of death statistics.

APPENDIX A

VITAL RECORDS REGISTRATION IN PENNSYLVANIA

Record	Persons Responsible For Completing Records	Persons Responsible For Filing Record With Local Registrar	Persons Responsible For Transmitting Records To State
Certificate of Live Birth	Attending physician or licensed midwife (or designated person for unattended births)	Attending physician or licensed midwife (or designated person for unattended births)	Local Registrar
Certificate of Fetal Death	Funeral Director or other person in charge of interment, informant, and physician or coroner (for medical certification)	Funeral Director or other person in charge of interment	Local Registrar
Certificate of Death	Funeral Director or other person in charge of interment, informant, and physician or coroner (for medical certification)	Funeral Director or other person in charge of interment	Local Registrar
Marriage Record	Clerk of Orphans' Court of any county (transcription of marriage license application)	Not Applicable	Clerk of Orphans' Court
Record of Divorce or Annulment	Prothonotary or Clerk of Orphans' Court	Not Applicable	Prothonotary or Clerk of Orphans' Court

Source: For complete information, see Vital Statistics Law of 1953, Act of the General Assembly No. 66, Commonwealth of Pennsylvania, June 29, 1953.

APPENDIX B

ADDITIONAL STATISTICS AVAILABLE

The vital statistics data presented in this report are only a part of the information collected via the birth, death, and fetal death certificates (see Figures I, II, and III) and marriage and divorce records.

The State Health Data Center maintains current and historical, annual and multiple year tabulations (in most cases, back to 1960) in different formats and using other variables from the vital records not contained in this report. Copies of these tabulations can be obtained by contacting the Center. However, many of these cross-tabulations are quite lengthy and there may be a charge involved, especially if several years of information are requested. The Center can also produce, for a fee, special computer-generated output to the user's specifications.

The following is a list of the cross-tabulations readily available by type of record. Unless otherwise specified below, annual tabulations are available in the same format for every year back to 1960. Multiple year summary tabulations are available for the years 1979 through 1986.

Annual Tabulations

Live Births:

First Name Occurrences by Sex (1977-1986)
Resident Births by Single Age of Mother by Minor Civil Division (1984-1986)
Resident Births by Single Age of Mother by County (1974-1986)
Resident Births by Age of Mother by Race and Sex of Child by County and Minor Civil Division
Resident Births by Age of Mother and Birth Weight by County
Resident Births by Age of Mother and Trimester of Entry Into Prenatal Care by County
Resident Births by Age of Mother and Medical Conditions at Birth by County
Resident Births by Age of Mother and Birth Order of Children by County
Resident Births by Month by County and Minor Civil Division
Resident Births by Sex and Race of Child by County and Minor Civil Division
Resident Births by Birth Weight by Race and Sex of Child by County
Resident Births by Marital Status by County and Minor Civil Division
Resident Births by Method of Delivery by County
Resident Births by Plurality by County
Resident Births by Number of Previous Pregnancies by County (1985-1986)

Deaths:

Resident Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Deaths by Month by County and Minor Civil Division
Resident Deaths by 4-digit ICD Cause of Death Code, Age, Sex and Race by County
Selected Major Causes of Death by Age, Sex and Race by County
Selected Major Causes of Death by Age by Minor Civil Division
Resident Cancer Deaths by Type and Sex by County (1984-1986)
Resident Cancer Deaths by Type by County and Minor Civil Division (1984-1986)
Resident Suicide Deaths by Age, Sex and Race by County (1980-1986)
Resident Deaths by Autopsy Status by County
Resident Deaths by Method of Disposition by County and Minor Civil Division
Resident Infant Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Infant Deaths by Month by County and Minor Civil Division
Resident Infant Deaths by 4-digit Cause of Death Code by Age, Sex and Race by County
Resident Neonatal Deaths by Month by County and Minor Civil Division

Fetal Deaths:

Resident Fetal Deaths by Type and Month by County and Minor Civil Division
Resident Fetal Deaths by Type and Age of Woman by County and Minor Civil Division

Marriages* (1974-1986):

Month of Marriage by County of Marriage
Marriages by The Age of Groom and Bride
Previous Marital Status by Race of Bride and Type of Ceremony
Previous Marital Status by Race of Groom and Type of Ceremony
Prior Marriages by Race and Age of the Bride
Prior Marriages by Race and Age of the Groom
Prior Marriages by State of Residence of the Bride
Prior Marriages by State of Residence of the Groom
Prior Marriages by Age of the Bride
Prior Marriages by Age of the Groom
Previous Marital Status by Race and Age of the Bride
Previous Marital Status by Race and Age of the Groom

Divorces* (1974-1986):

Divorces by Month By County of Occurrence
Divorces by Plaintiff and Party Granted Decree
Divorces by County of Occurrence
Divorces by Duration and Grounds
Divorces by Age of Husband and Number of Times Married
Divorces by Age of Wife and Number of Times Married
Divorces by Wife's Duration of First or Remarriage
Divorces by Husband's Duration of First or Remarriage
Divorces by State Where Marriage Was Performed
Number of Children and Custody by County of Divorce
Divorces by Legal Grounds

*All marriage and divorce data are by occurrence. Divorce data include both divorces and annulments.

Multiple Year Tabulations (1979-1986)

Live Births:

Resident Births by Age of Mother by Sex and Race by County
Resident Births by Sex, Race and Congenital Anomaly
Resident Births by Congenital Anomaly by Year
Resident Births by Sex and Race by Year by County
Resident Births by Sex and Race by County and Minor Civil Division
Resident Births by Age of Mother by Year by County
Resident Births by Congenital Anomaly by Year by County
Resident Births by Birth Weight, Sex and Race by County
Resident Births by Congenital Anomaly, Sex and Race by County
Resident Births by Birth Weight and Age of Mother by County
Resident Births by Age of Mother and Trimester of Entry Into Prenatal Care by County

Deaths:

Resident Deaths by Selected Major Causes by Age and Year
Resident Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Deaths by Selected Causes by Age, Sex and Race by County
Resident Deaths by Age by Year by County
Resident Deaths by Selected Causes and Age by Year by County
Resident Deaths by Age, Sex and Race by Year
Resident Infant Deaths by Age by Year by County
Resident Infant Deaths by Age, Sex and Race by County and Minor Civil Division

Fetal Deaths:

Resident Fetal Deaths by Type and Age of Woman by County and Minor Civil Division
Resident Fetal Deaths by Type and Month by County
Resident Fetal Deaths by Type and Age of Woman by Year by County
Resident Fetal Deaths by Type and Month by Year by County

NOTE: Minor Civil Division is city, borough or township. All data tables that list minor civil division are available only back to 1961.

Figure 1

H105.142 (Rev. 3/82)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF LIVE BIRTH

PRIMARY DIST. NO. _____ STATE FILE NO.

CERTIFICATE SHOULD BE TYPED OR PRINTED IN PERMANENT BLACK OR BLUE/BLACK INK

VOID

CHILD–NAME FIRST MIDDLE LAST	SEX	DATE OF BIRTH (Mo. Day Year)	HOUR
1.	2.	3a.	3b. _____ AM _____ PM

HOSPITAL NAME (If not in Hospital, Give Street Address or Rural Location)	City, Boro, or Twp. of Birth	COUNTY OF BIRTH
4a.	4b.	4c.

I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF	DATE SIGNED (Mo, Day, Year)	CERTIFIER–NAME AND TITLE (Type or Print)
5a. (Signature) ▶	5b.	5c.
Name and Title of Attendant at Birth if other than Certifier (Type or Print) 5d.	CERTIFIER'S MAILING ADDRESS (Street or R.F.D. No., City or Town, State, Zip) 5e.	

MOTHER–MAIDEN NAME FIRST MIDDLE LAST	AGE (At time of this Birth)	STATE OF BIRTH (If not in U.S.A., Name Country)
6a.	6b.	6c.

MAILING ADDRESS STREET AND NUMBER	CITY AND STATE	ZIP CODE
7.		

WHERE DOES MOTHER ACTUALLY LIVE? 8. 8a. State _____ 8b. County _____ Does mother live in a township? 8c. ☐ Yes, mother lives in _____ township 8d. ☐ No, mother lives within actual limits of _____ city/boro

FATHER–NAME FIRST MIDDLE LAST	AGE (At time of this Birth)	STATE OF BIRTH (If not in U.S.A., Name Country)
9a.	9b.	9c.

INFORMANT	Relation to Child	REGISTRAR'S SIGNATURE AND NUMBER	DATE RECEIVED
10a.	10b.	11a.	11b.

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE–MOTHER (e.g., White, Black, American Indian, etc. – Specify)	RACE–FATHER (e.g., White, Black, American Indian, etc. – Specify)	EDUCATION–MOTHER (Specify only highest grade completed)		EDUCATION–FATHER (Specify only highest grade completed)		IS MOTHER MARRIED TO FATHER?
12.	13.	ELEMENTARY OR SECONDARY (0-12)	COLLEGE (1-4 or 5+)	ELEMENTARY OR SECONDARY (0-12)	COLLEGE (1-4 or 5+)	☐ Yes ☐ No
		14.		15.		16.

PREGNANCY HISTORY (Complete each section)							
LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and Induced)		Date Last Normal Menses Began (Mo. Day, Year)	Month of Pregnancy Pre Natal Care Began (1st, 2nd, etc.) (Specify)	Pre Natal Visits – Total (If none, so state)	Length of Pregnancy in weeks
17a. Now living	17b. Now dead	17d. Before 16 wks.	17e. After 16 wks.	18.	19a.	19b.	20.
Number ____ None ☐	Number ____ None ☐	Number ____ None ☐	Number ____ None ☐	BIRTH WEIGHT	THIS BIRTH–Single, Twin, Triplet, etc. (Specify)	If NOT Single Birth – Born First, Second, Third etc. (Specify)	APGAR SCORE 1 Min. / 5 Min.
				21.	22a.	22b.	23a. / 23b.
17c. Date of Last Live Birth (Mo. Year)		17f. Date of Last Other Termination (Mo. Year)		Method of Delivery 24.	COMPLICATIONS OF PREGNANCY (Describe or write "none") 25.		

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none")	COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none")
26.	27.
BIRTH INJURIES OF CHILD (Describe or write "none")	CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none")
28.	29.

209

Figure II

H105.143 REV. 12/81

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF DEATH

(Physician)

STATE FILE NO

Type or Print in Permanent Blue or Blue/Black Ink

A _____
B _____
C _____
D _____
E _____
F _____
G _____

DECEDENT

Name of decedent (First) (Middle) (Last) — 1
Sex — 2
Date of death (Mo., Day, Yr.) — 3
Race – (e.g., White, Black, American Indian, etc.) — 4
Age last birthday — 5A
If under 1 yr. Mos. / Days — 5B
If under 1 day Hours / Min — 5C
Date of birth, Mo, Day, Yr. — 6A
State or foreign country of birth — 6B
County of birth — 6C
City, Boro, or Twp. of birth — 6D
County of death — 7A
City, Boro, or Twp. of death — 7B
Hospital or Institution (If not either, give address) — 7C
If hosp. or inst. indicate DOA OP/ER, or inpatient (specify) — 7D
Decedent's Mailing Address (Street or RFD No.) (City or Town) (State) (Zip Code) — 8
Marital Status — 9
Surviving Spouse (If wife, give maiden name) — 10
Citizen of what country? — 11
Was decedent ever in U.S. Armed Forces? ☐ Yes ☐ No — 12
Social Security Number — 13
Usual Occupation (Kind of work done during most of working life) — 14A
Kind of business or industry — 14B
Where did decedent actually live? — 15
15a State _____ Did decedent live
15b County _____ in a township?
15c ☐ Yes, decedent lived in _____ township.
15d ☐ No, decedent lived within actual limits of _____ city or boro.

PARENTS

Father's name (First) (Middle) (Last) — 16
Mother's maiden name (First) (Middle) (Last) — 17

Informant's name (Type or Print) — 18A
Informant's Mailing Address (Street or RFD No.) (City or Town) (State) (Zip Code) — 18B

DISPOSITION

☐ Burial ☐ Removal ☐ Cremation ☐ Other — 19A
Date of burial, etc. — 19B
Name of cemetery or crematory
Location (City, boro, twp.) (State) — 19D
Signature of funeral director and license number — 20A
FD – ☐☐☐☐☐☐ – ☐
Name and address of funeral establishment — 20B

VOID

Registrar's Signature — 21A
Date received by registrar — 21B

CERTIFIER

To Be Completed By Certifying Physician Only

To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.
Signature and title — 22A
M D or D O
Date Signed (Mo., Day, Yr.) — 22B
Hour of Death — 22C — ____ A.M. ____ P.M.
Name and Address of Certifier (Physician, Medical Examiner or Coroner) (Print or Type) — 24
Name of Attending Physician — 25

CAUSE OF DEATH

Conditions If Any Which Gave Rise To Immediate Cause Stating The Underlying Cause Last

26

PART I

IMMEDIATE CAUSE — Enter only one cause per line for (A) (B) and (C)
(A) _____ Interval between onset and death
Due to, or as a consequence of
(B) _____ Interval between onset and death
Due to, or as a consequence of
(C) _____ Interval between onset and death

PART II Other Significant Conditions — Conditions contributing to death but not related to cause given in Part I (a)

Autopsy ☐ Yes ☐ No — 27
Was case referred to Medical Examiner or Coroner? ☐ Yes ☐ No — 28

If Acc., Suicide, Hom., Undet. or Pending Investigation (Specify) — 29A
Date of Injury (Mo., Day, Yr.) — 29B
Hour of Injury — ____ A.M. ____ P.M. — 29C
Describe how injury occurred — 29D
Injury at work? ☐ No ☐ Yes — 29E
Place of Injury (At home, farm, street, etc.) — 29F
Location (Street or RFD No.) (City, Boro, or Twp.) (State) — 29G

Figure III

H 105.024 REV. 3-83

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF FETAL DEATH

State File No. _____

TYPE OR PRINT IN PERMANENT INK

MULTIPLE BIRTHS Enter State File Number for Mate(s)

LIVE BIRTH(S)

FETAL DEATH(S)

REGISTRAR'S SIGNATURE AND FIVE DIGIT NUMBER

Date Received _____

HOSPITAL–NAME (If not in Hospital, Give Street and No.) 1a. | CITY, BORO, TWP. OF DELIVERY 1b. | COUNTY OF DELIVERY 1c.

DATE OF DELIVERY (Month, Day, Year) 2a. | HOUR OF DELIVERY 2b. m. | SEX OF FETUS 3. | WEIGHT OF FETUS 4. | METHOD OF DELIVERY 5.

MOTHER–MAIDEN NAME FIRST MIDDLE LAST 6a. | AGE (At Time Of This Delivery) 6b. | STATE OF BIRTH (If not U.S.A., Name Country) 6c.

MAILING ADDRESS Street Post Office State Zip Code 7.

WHERE DOES MOTHER ACTUALLY LIVE? 8. a. State _____ b. County _____ | DOES MOTHER LIVE IN A TOWNSHIP? ☐ Yes, Mother Lives In _____ Township. ☐ No, Mother Lives Within Limits of _____ City, Boro.

RACE (White, Black, American Indian, etc.) 9. | IS MOTHER MARRIED? Yes ☐ No ☐ 10. | EDUCATION (Specify only highest grade completed) Elementary or Secondary (0–12) College (1–4 or 5+) 13. | PREGNANCY HISTORY (Complete Each Section) LIVE BIRTHS: 14a. Now Living Number / None ☐; 14b. Now Dead Number / None ☐ | OTHER TERMINATIONS (Spontaneous and Induced): 14d. Before 16 Wks. Number ____ / None ☐; 14e. After 16Wks. Number ____ / None ☐

DATE LAST NORMAL MENSES BEGAN (M, D, Y) 11. | NO. OF PRENATAL CARE BEGAN (1st, 2nd., etc.) 12a. | PRENATAL VISITS TOTAL NUMBER (If none, so state) 12b.

THIS BIRTH–Single, twin, triplet, etc. (Specify) 15a. | IF NOT SINGLE BIRTH Born 1st., 2nd., 3rd., etc. (Specify) 15b. | BIRTH INJURIES OF FETUS (Describe or write none) 16. | CONGENITAL ANOMALIES OF FETUS (Describe or write none) 17. | DATE OF LAST LIVE BIRTH (Month, Year) 14c. | DATE OF LAST OTHER TERMINATION (Month, Year) 14f.

VOID

COMPLICATIONS OF PREGNANCY (Describe or write none) 18. | CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write none) 19. | COMPLICATIONS OF LABOR AND DELIVERY (Describe or write none) 20.

FATHER – NAME FIRST MIDDLE LAST 21a. | AGE (At Time of this Delivery) 21b. | EDUCATION (Specify only highest grade completed) Elementary or Secondary (0–12) / College (1–4 or 5+) 23.

STATE OF BIRTH (If not U.S.A., Name Country) 21c. | RACE (White, Black, American Indian, etc.) 22.

24. FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH — IMMEDIATE CAUSE (Enter Only One Cause Per Line For (a), (b), (c)) (a) _____ | SPECIFY FETAL OR MATERNAL

FETAL AND/OR MATERNAL CONDITIONS, IF ANY, GIVING RISE TO THE IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST — DUE TO OR AS A CONSEQUENCE OF (b) _____ | SPECIFY FETAL OR MATERNAL

DUE TO OR AS A CONSEQUENCE OF (c) _____ | SPECIFY FETAL OR MATERNAL

OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER (Conditions Contributing to Fetal Death but not Related to Cause Given in 24a.) 25. | FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN 26. | PHYSICIAN'S ESTIMATE OF GESTATION (weeks) 27. | AUTOPSY Yes ☐ No ☐ 28.

I HEREBY CERTIFY THIS FETUS WAS DELIVERED DEAD ON THE DATE STATED ABOVE (2a).

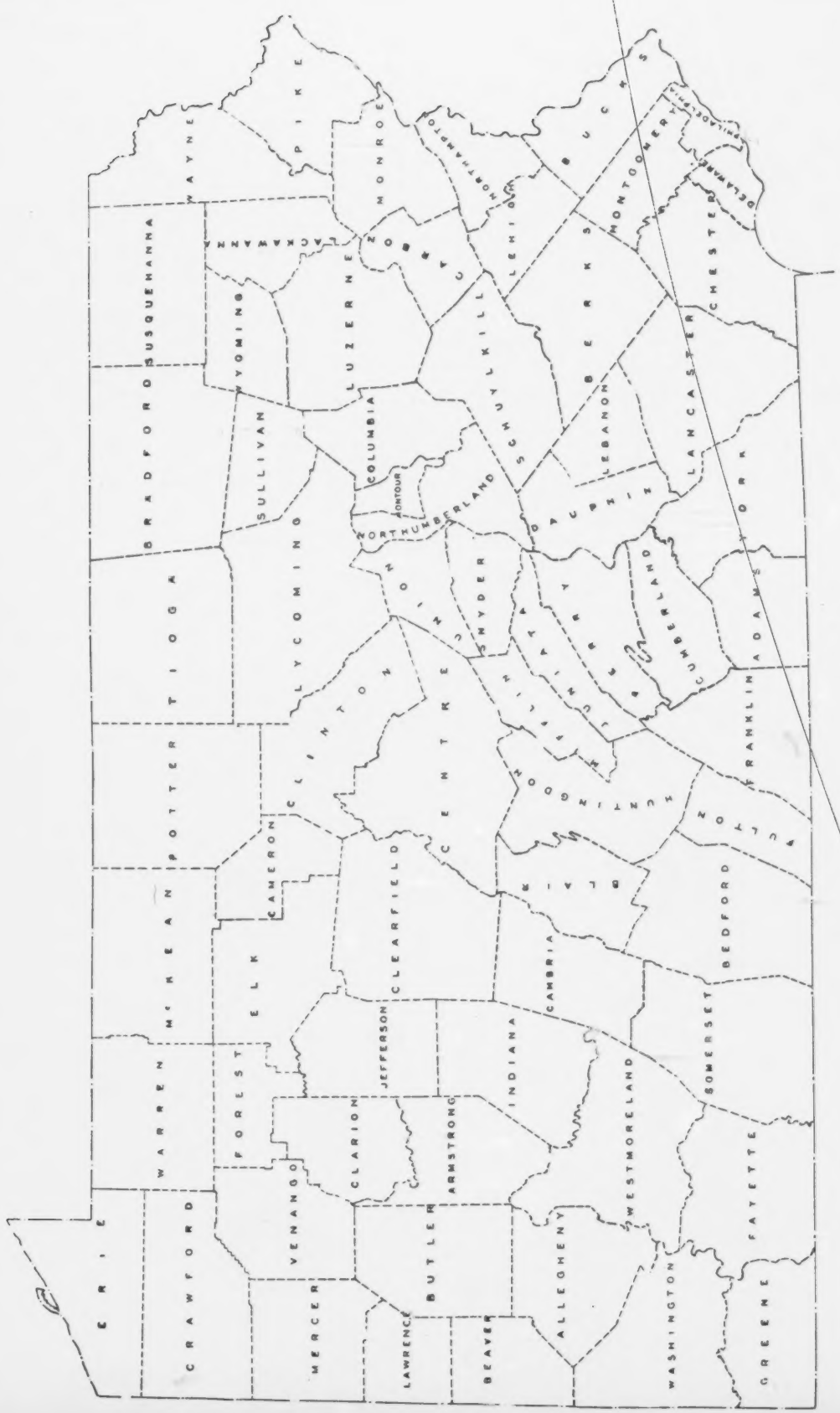
29. SIGNATURE (Physician or Coroner) Address Date Signed

BURIAL ☐ CREMATION ☐ REMOVAL ☐ 30a. | DATE 30b. | NAME OF CEMETERY OR CREMATORY 30c. | LOCATION CITY, BORO., TWP. 30d. STATE

FUNERAL SERVICE LICENSEE (Or Person Acting as such) Signature 31a. | NAME OF FACILITY 31b. | ADDRESS OF FACILITY 31c.

211

Figure IV
PENNSYLVANIA-COUNTY OUTLINE MAP



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
STATE HEALTH DATA CENTER

Robert P. Casey
Governor

N. Mark Richards, M.D.
Secretary of Health